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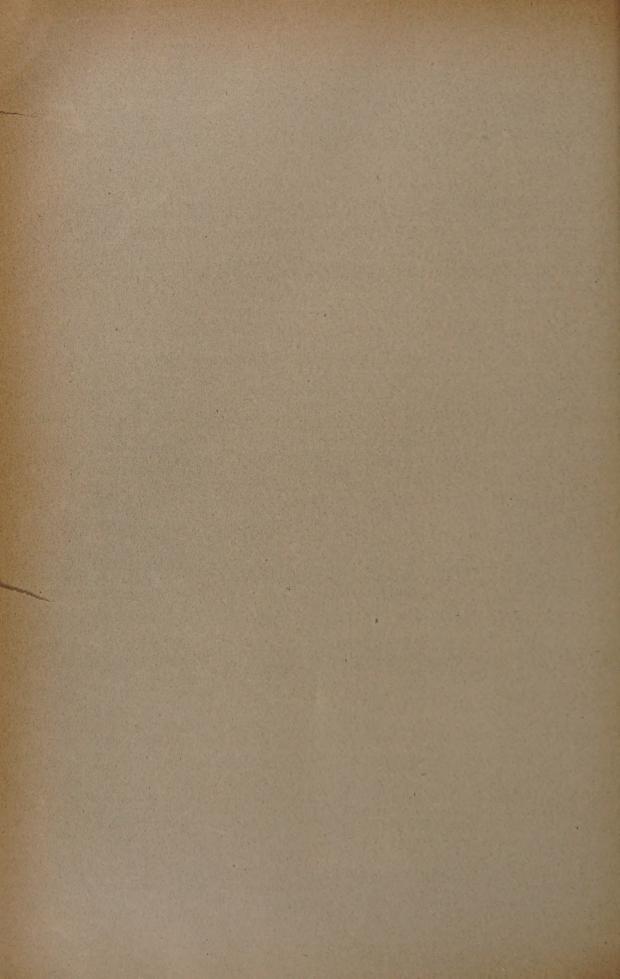
k. k. Naturhistorischen Hofmuseums.

WIEN, 1912.

Alfred Hölder,

k. u. k. Hof- und Universitäts-Buchhändler Buchhändler der kais. Akademie der Wissenschaften L, Rotenturmstraße 13.

1901-1940



Schedae ad «Kryptogamas exsiccatas»

editae a Museo Palatino Vindobonensi.

Auctore

Dre. A. Zahlbruckner.

Centuria XX.

Unter Mitwirkung der Frau Lily Rechinger und der Herren J. A. Bäumler, Dr. E. Bauer, J. Baumgartner (Musci), Prof. Fr. Blechschmidt, Abate J. Bresadola, Prof. Dr. V. F. Brotherus, Prof. Dr. Fr. Bubák, Dr. A. v. Degen, Dr. F. Filárszky, M. Fleischer, Dr. St. Györffy, Prof. Dr. H. H. Gran, Dr. H. E. Hasse, Prof. D. A. C. Herre, Prof. Dr. F. v. Höhnel, Prof. Dr. L. Hollós, † J. Jack, Dr. K. v. Keißler (Fungi), G. Lång, Prof. K. Loitlesberger, Prof. Dr. P. Magnus, W. A. Maxon, Dr. G. Moesz, Prof. G. v. Nießl, F. Pfeiffer v. Wellheim, Prof. Dr. M. Raciborski, Dr. K. Rechinger (Algae), Dr. H. Rehm, H. Sandstede, † Dr. K. Schiedermayr, Prof. Dr. V. Schiffner, Dr. J. Schiller, Dr. C. Schliephacke, Prof. J. Schuler, † J. Sikora, Hofrat Dr. Fr. Steindachner, Prof. Dr. J. Steiner, Dr. S. Stockmayr, P. P. Strasser, P. Sydow, Prof. Dr. J. Tuzson, J. Vleugel, Dr. A. Zahlbruckner (Lichenes)

herausgegeben

von der botanischen Abteilung des k. k. naturhistorischen Hofmuseums in Wien.

Fungi (Decades 74-77).

1901. Ustilago bromivora.

Fisch. de Waldh., Aperçu syst. Ustilag. Paris (1877), p. 22; Winter apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. I (1884), p. 91; Sacc., Syll. fung., vol. VII/2 (1888), p. 461. — Ustilago Carbo var. vulgaris α. bromivora Tul. in Ann. sc. natur., Botan., sér. III, T. VII (1847), p. 81.

Hungaria: in floribus Bromi sterilis L. ad collem «Gellérthegy» prope Budapest, m. Jun.

det. F. Bubák.

leg. J. Tuzson.

1902. Uromyces Lespedezae-procumbentis.

Lagerh., Ured. Herb. El. Fries in Tromsö Mus. Aarsh., vol. XVI, 1893 (1894), p. 194; Sydow, Monogr. Ured., vol. II (1910), p. 108. — Puccinia Lespedezae-procumbentis Schw., Syn. Fung. Carol. super. (1822), p. 73, nr. 497. — Puccinia Lespedezae-polystachyae Schw., l. c., n. 73, nr. 498. — Uromyces Lespedezae Peck in Ellis, North

Americ. Fungi, nr. 245 (1879); Sacc., Syll. Fung., vol. VII/2 (1888), p. 549. — *Uredo Lespedeziae* Thuem. in Mycoth. univ., nr. 643 (1877). — *Aecidium leúcostictum* Berk. et Curt. in Grevillea, vol. III (1874), p. 61; Sacc., Syll. Fung., vol. VII/2 (1888), p. 787.

America borealis (United States, N. Y.): ad folia Lespedezae spec. prope Ithaca, m. Oct. leg. P. Magnus.

1903. Uromyces Hedysari-obscuri.

Carestia et Piccone in Erb. critt. ital., ed. II, fasc. IX, nr. 447 (1871); Bubák, Pilzfl. Böhm., 1. T. Rostpilze in Arch. naturw. Landesdurchf. Böhm., Bd. XIII, nr. 5 (1908), p. 42; Sydow, Monogr. Ured., vol. II (1910), p. 99. — Puccinia Hedysari-obscuri DC., Synops. (1806), p. 46. — Uredo Hedysari-obscuri DC. et Lam., Fl. franç., vol. VI (1815), p. 64; Duby, Bot. Gall., vol. II (1830), p. 897. — Uromyces Hedysari Fuck., Symb. mycol., Nachtr. III (1875), p. 15; Sacc., Syll. Fung., vol. VII/2 (1888), p. 560. — Uromyces Hazslinskii De Toni in Sacc., Syll. Fung., vol. VII/2 (1888), p. 565. — Uromyces borealis Peck in Botan. Gaz., vol. VI (1881), p. 276; Syll. Fung., vol. VII/2 (1888), p. 561.

Helvetia: ad folia viva *Hedysari obscuri* L., Fextal in valle Engadin, m. Aug. leg. P. Magnus.

1904. Puccinia Thwaitesii.

Berk. in Journ. Linn. Soc., vol. XIV (1873), p. 91; Sacc., Syll. Fung., voll. VII/2 (1888), p. 720; Racib., Paras. Alg. u. Pilze Javas, pars I (1900), p. 21; Sydow, Monogr. Ured., vol. I (1904), p. 233. — Puccinia Thwaitesii Berk. var. novo-guineensis P. Henn. in Engl., Botan. Jahrb., Bd. XV (1892), p. 5; Sacc. Fung., vol. XVI (1902), p. 301; Sydow, Monogr. Ured., vol. I (1904), p. 233. — Exsicc.: Racib., Crypt. paras. Java, nr. 27.

Insula Java: ad folia *Justiciae Gendarussae* L. in horto botanico Buitenzorgensi, autumno. leg. F. de Höhnel.

1905. Peniophora obscura.

Bresad., Hym. Hung. Kmet. in Atti R. Acc. Sc. e Lett. e Arti Agiati Rovereto, sér. III, T. III (1897), p. 113; Höhn. et Litschauer, Z. Kenntn. d. Cortic. II in Sitzungsber. k. Akad. Wiss. Wien, math.-naturw. Kl., Bd. 116, Abt. 1 (1907), p. 784 et 791. — Thelephora obscura Pers., Mycol. eur., vol. I (1822), p. 146. — Corticium obscurum Fries, Hymen. Europ. (1874), p. 653; Sacc., Syll. Fung., vol. VI (1888), p. 624. — Peniophora Ellisii Massee in Journ. Linn. Soc., vol. 25 (1889), p. 144. — Exsicc.: Ellis and Everh., Fungi Columb. exs., nr. 611. — Ellis, North Amer. Fungi, sér. I, Nr. 606 sec. v. Höhnel (pro Stereo papyrino Mont.) et sér. II, nr. 3209 sec. v. Höhnel (pro Peniophora Ellisii Massee).

Austria inferior: ad corticem siccum Abietis pectinatae DC. in monte Sonntagberg prope Rosenau, vere.

det. v. Höhnel.

leg. P. P. Strasser.

1906. Gloeocystidium polygonium.

v. Höhn. et Litschauer, Österr. Cortic. in Wiesner-Festschr. (1908), p. 69. — Thelephora polygonia Pers. apud Fries, Syst. mycol., vol. I (1821), p. 444. — Corticium polygonium Pers., Tent. dispos. fung. (1797), p. 30; Wint. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. I (1884), p. 332; Sacc., Syll. fung., vol. VI (1888), p. 627.

Austria inferior: ad ramos siccos Betulorum (?), in monte Sonntagberg prope Rosenau, m. Apr.

det. v. Höhnel.

leg. P. P. Strasser.

1907. Polystictus microloma.

Leveill. in Ann. sc. natur., Botan., sér. III, T. 2 (1844), p. 183; Sacc., Syll. Fung., vol. VI (1888), p. 221.

«Forma ad P. carneo-nigrum Berk. transiens.»

Madagascaria: ad truncos prope Antananarivo.

det. Bresadola.

leg. J. Sikora.

1908. Fomes subferreus.

Murr. in North Amer. Fl., vol. IX (1908), p. 97 et in Mycologia, vol. II (1910), p. 194.

America (Insula Cuba): ad truncos arborum in montibus prope Jaguey (province of Oriente), altitud. 460 m s. m., m. Apr. (coll. nr. 4234). leg. W. R. Maxon.

1909. Ganoderma (Amauroderma) Sikorae.

Bres. n. sp.

Pileo suberoso, tenui, laterali, subreniformi, lobato, ruguloso, concentrice subsulcato, castaneo fusco, cute crustacea, opaca, glabra tecto, $2^{1}/_{2}$ —4 cm lato, contextu fulvello, 1—2 mm crasso ex hyphis, intertextis ex parte crasse tunicatis et ex parte tenuibus et irregularibus, 2—10 μ , conflato; tubulis concoloribus, 2—3 mm longis; poris subpentagonis, demum fuscescentibus, 6—7 pro mm; stipite laterali, verticali pileo concolori, cute opaca tecto, radicato, intus fulvello, 6—10 cm longo, 3—5 mm crasso; sporis luteis, subglobosis, interdum angulatis, laevibus, 9—10=8—9 μ ; hyphis contextus tubulosum crassa tunicatis, luteis, 2—10 μ crassis.

Madagascaria: ad truncos prope Antananarivo.

Ganodermati praeterviso Pat. proximam.

leg. J. Sikora. Bresadola.

1910. Trametes avellanea.

Bres. n. sp.

Pileo applanato, suberoso-coriaceo, suborbiculari, basi effusa adnato, e pubescente glabrato, zonato-subsulcato, subruguloso, postice tuberculoso, luride avellaneo, 8—9 cm lato, $4-4^{1}/_{2}$ cm longo, basi 2—3 cm effusa, substantia luride isabellina, 3—4 mm crassa, ex hyphis homogenis 2—4 μ crassis conflata; tubulis concoloribus, 2—3 mm longis; poris pallidis, subpentagonis, 4—5 pro mm; sporis non visis; hyphis contextus hymenii, homogeneis, stramineis $1^{1}/_{2}$ —3 raro 4 μ crassis.

Madagascaria: ad truncos.

leg. J. Sikora.

Trameti aphanopodae Reichardt affinis.

Bresadola.

1911. Merulius lacrymans.

Wulf. apud Fries, Syst. mycol., vol. I (1821), p. 328; Wint. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. I (1884), p. 394; Sacc., Syll. Fung., vol. VI (1888), p. 419. Stiria: ad trabes doliarii (del.) in Aussee, m. Aug. leg. C. Rechinger.

1912. Lenzites Palisoti.

Fries, Syst. mycol., vol. I (1821), p. 335 et Epicr. syst. mycol. (1836—1838), p. 404; Sacc., Syll. Fung., vol. V (1887), p. 650. — Daedalea amanitoides Palis., Fl.

Owar. et Ben., vol. I (1804), p. 44, Tab. 25. — Icon.: Fries, Fungi Guin., Tab. XI, Fig. 23.

Madagascaria: ad truncos prope Antananarivo. det. Bresadola.

leg. J. Sikora.



1913. Lepiota procera.

Sacc., Syll. Fung., vol. V (1887), p. 27. — Agaricus procerus Scop. apud Fries, Syst. mycol., vol. I (1821), p. 20; Wint. apud Rabenh., Kryptfl. v. Deutschl., Abt. 1, Bd. I (1884), p. 842.

Hungaria: in silvaticis «Kamaraerdö» ad Budapest, m. Sept.

leg. F. Filárszky.

1914. Geaster Schmideli.

Vittad., Monogr. Lycoperd. in Mem. d. Real. Accad. Torino, ser. II, vol. V (1842), p. 157, Tab. I, Fig. 7; Wint. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. I (1884), p. 910; Sacc., Syll. Fung., vol. VII/1 (1888), p. 76. — Geaster nanus Hollós, Gasteromyc. Ung. (1904), p. 55 u. 152, Tab. IX, Fig. 7—11; Petri in Fl. ital. crypt., pars I, Fungi (1909), p. 76. — Geastrum nanum Pers., Mém. in Journ. de Botan., Tom. II (1809), p. 27, Tab. II, Fig. 3. — Geaster Rabenhorstii Kunze apud Rabenh., Fungi eur., Nr. 2011 (1875).

Hungaria: in arenosis dictis «Nyir» prope Kecskemét, m. Sept.

leg. L. Hollós.

Da nach den Bestimmungen des Internationalen botanischen Kongresses Brüssel 1910 Fries, Syst. mycologicum (1821—1832) als Ausgangspunkt für die Nomenklatur der Pilze anzusehen ist, kann die von Hollós auf Grund des Persoonschen Namens Geastrum nanum (1809) vollzogene Namensänderung in Geaster nanus nicht aufrecht erhalten werden, sondern muß der Vittadinische Name «G. Schmideli» in Verwendung kommen.

1

1915. Geaster Bryantii.

Berk., Outl. (1860), p. 300; Wint. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. I (1884), p. 911; Sacc., Syll. Fung., vol. VII/1 (1888), p. 75; Hollós, Gasteromyc. Ung. (1904), p. 53 u. 151, Tab. IX, Fig. 1—4; Petri in Fl. ital. crypt., pars 1, Fungi (1909), p. 85, Fig. 47. — Tylostoma atrum Bolla in Mathem. Természettud. Közlem., vol. 12 (1876), p. 132. — Geaster orientalis Hazsl. in Grevillea, vol. VI (1878), p. 108, Tab. 98, Fig. 15. — Geaster Rabenhorstii Kunze β) orientalis Hazsl. in Mathem. Természettud. Közlem., vol. XV (1878), p. 9. — Geaster Bryantii Berk. var. minor Berk. apud Massee, Brit. Gasteromyc. (1889), p. 78.

Hungaria (comit. Pest): in Robinetis prope Félegyháza, ad «Szent Kút», m. Aug. leg. L. Hollós.

1916. Myriostoma coliforme.

Corda, Anleit. Stud. Mykol. (1842), p. LXXXI + 105, Tab. D 43, Fig. 16—17; Hollós, Gasteromyc. Ung. (1904), p. 46 et 149, Tab. VII, Fig. 1—10, Tab. VIII, Fig. 8, Tab. XXIX, Fig. 18. — Geaster coliformis Fries, Syst. mycol., vol. III/1 (1829), p. 12; Wint. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. I (1884), p. 909; Sacc., Syll. Fung., vol. VII/1 (1888), p. 73; Petri in Fl. ital. crypt., pars 1 (1909), p. 88, Fig. 1, 2.

Hungaria: in Robinetis prope Kecskemét, m. Nov. leg. L. Hollós.

1917. Sphaerotheca tomentosa.

Otth., Fünft. Nachtr. Schweiz. Pilze in Mitteil. Naturf. Gesellsch. Bern (1865), p. 168; Sacc., Elench. fung. nov. in Hedwigia, Bd. 35 (1896), p. XXIII et Syll. Fung., vol. XIV (1899), p. 462; D. Sacc., Contrib. Fl. Schemnitz. in Atti Soc. Venet.-Trent. Padova, sér. II, T. III (1897), p. 184, Tab. V, Fig. 1. — Erysiphe gigantiasca Thüm. et Sorok. in Thüm., Mycoth. univ., nr. 645 (1877); Sacc., Syll. Fung., vol. I (1882), p. 18. — Sphaerotheca gigantiasca Bäuml. apud Rehm in Hedwigia, Bd. 30 (1891), p. 261 et Beitr. Crypt.-Fl. Preßburg, Pilze in Verhandl. Ver. Natur- u. Heilk. Preßb., N. F., Heft 9 (1897), p. 132, nr. 1110. — Exsicc.: Thüm., Mycoth. univ., nr. 645; Rehm, Ascom. exs., nr. 1049.

Hungaria (comit. Pozsony): ad folia viva Euphorbiae palustris L., in silva «Schurwald» prope Szt. György, m. Sept. leg. J. A. Bäumler.

1918. Stigmatea Pongamiae.

Racib., Parasit. Alg. u. Pilze Javas, fasc. III (1900), p. 96; Sacc., Syll. Fung., vol. XVI (1902), p. 479.

Insula Sundaicae: ad folia viva Pongamiae glabrae Vent. in insula Noesa Kambangan. leg. Dr. M. Raciborski.

1919. Sphaerella innumerella.

Karst., Fungi Fenn. exs., nr. 965 sec. Karst., Mycol. Fenn., pars II (1873), p. 182; Sacc., Syll. Fung., vol. I (1882), p. 506; Wint. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. I (1887), p. 370. — Mycosphaerella innumerella Schröt. apud Cohn, Kryptfl. v. Schles., Bd. III/2, Pilze (1893), p. 337. — Sphaerella maculaeformis f. Comari palustris Rabenh., Fungi Europ., ed. II, nr. 1042 (1856).

Hungaria (comit. Háromszék): in foliis emarcidis Comari palustris in consocio

speciei Stilbacearum indeterminatae, in turfosis «Retyi Nyir», m. Maio.

leg. G. Moesz.

Ich behalte den Genusnamen «Sphaerella» bei, nachdem einerseits die Umtaufung der zahlreichen Sphaerella-Arten in «Mycosphaerella» eine sehr mißliche Sache ist, anderseits der Gattungsnamen «Sphaerella» auf algologischem Gebiete ohnedies gegenwärtig nicht mehr zu Recht besteht. In neuester Zeit setzt sich wieder W. B. Grove für die Einführung des Namens «Mycosphaerella» ein (vgl. dessen Aufsatz Sphaerella v. Mycosphaerella in Journ. of Botany, vol. 50 [1912], p. 89). Keißler.

1920. Gnomonia leptostyla.

Ces. et De Not., Schema Sfer. in Comm. Soc. Crittog. Ital., vol. I, pt. IV (1863), p. 235; Sacc., Syll. Fung., vol. I (1882), p. 568; Wint. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. 1 (1885), p. 580.

Hungaria: ad folia putrida Juglandis regiae L. in horto ad Pozsony, m. Febr. leg. J. A. Bäumler.

1921. Rebentischia unicaudata.

Sacc., Syll. Fung., vol. II (1883), p. 12; Wint. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. II (1887), p. 439. — Sphaeria unicaudata Berk. et Br. in Ann. Nat. Hist., sér. II, vol. IX (1852), p 383, Tab. 11, Fig. 31.

Stiria: ad ramulos siccos Clematidis Vitalbae L. prope Graz, m. Aug.

leg. G. de Nießl.

1922. Eutypa Acharii.

Tul., Sel. Fung. Carpol., vol. II (1863), p. 53; Sacc., Syll. Fung., vol. I (1882), p. 163. — Sphaeria Eutypa Fries, Syst. Mycol., vol. II/2 (1823), p. 478. — Valsa Eutypa Nitschke, Pyren. Deutschl. (1870), p. 130; Winter apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. II (1887), p. 674.

Austria inferior: ad ramos siccos Aceris pseudoplatani L. in monte Sonntagberg leg. P. P. Strasser.

prope Rosenau.

Phacidium infestans. 1923.

Karst., Symb. mycol. Fenn. XIX in Medd. Soc. Fauna Flora Fenn., vol. XIV (1887), p. 87; Sacc., Syll. Fung., vol. VIII (1889), p. 714.

Suecia: ad acus Pini silvestris L. prope Umeå, m. Nov.

leg. J. Vleugel, comm. F. Bubák.

1924. Coccophacidium Pini.

Rehm apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. III (1888), p. 98. - Phacidium Pini Fries, Syst. Mycol., vol. II/2 (1823), p. 573. - Coccomyces Pini Karst., Mycol. Fenn., pars I (1871), p. 254; Sacc., Syll. Fung., vol. VIII (1889), p. 748. Hungaria (comit. Pozsony): ad ramos Pini Strobi L. in horto urbis Pozsony, hieme.

leg. J. A. Bäumler.

Ocellaria ocellata. 1925.

Schröt. apud Cohn, Kryptfl. v. Schles., Bd. III/2, Pilze (1893), p. 153; Magn. in Kerner, Schedae ad fl. exs. austro-hung. IX (1902), p. 137, nr. 3567. — Stictis ocellata Fries, Syst. mycol., vol. II/1 (1822), p. 193. — Habrostictis ocellata Fuck., Symb. Mycol., Nachtr. I (1869), p. 326. - Propolis ocellata Sacc., Fungi Ital. Delin. (1882), p. 1407. — Stictis Lecanora Fries, Syst. Mycol., vol. II/1 (1822), p. 193. — Ocellaria aurea Tul., Sel. Fung. Carpol., vol. III (1863), p. 129; Rehm apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. III (1888), p. 134; Sacc., Syll. Fung., vol. VIII (1889),

Stiria: ad corticem ramorum siccorum Salicis grandifoliae Ser., in valle fluminis Enns dicto «Gesäuse» inter Gstatterboden et Johnsbach, m. Jun.

leg. C. de Keißler.

1926. Tapesia fusca.

Fuck., Symb. Mycol. (1869), p. 302; Sacc., Syll. Fung., vol. VIII (1891), p. 374; Rehm apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. III (1891), p. 579. -Peziza fusca Pers. apud Fries, Syst. Mycol., vol. II/1 (1822), p. 109. — Mollisia fusca Karst., Mycol. Fenn., pars I (1871), p. 207. — Phialea fusca Gill., Champ. Franc., Discom. (1879), p. 113.

Austria inferior: ad ramulos putridos Alni incanae L. in insula Danubii (Donau) «Prater» prope Vindobonam (Wien). leg. Dr. A. Zahlbruckner.

1927. Helotium serotinum.

Fries, Summa Veget. Scand., sect. poster. (1849), p. 355; Sacc., Syll. Fung., vol. VIII (1889), p. 222; Rehm apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. III (1893), p. 781. — Peziza serotina Pers. apud Fries, System. Mycol., vol. II/1 (1822), p. 119. — Hymenoscypha serotina Phill., Man. Brit. Discom. (1887), p. 125.

Hungaria: ad ramulos putridos Fagi silvatici L. prope Pozsony, autumno.

leg. J. A. Bäumler.

1928. Helotium sulphuratum.

Phill., Man. Brit. Discom. (1893), p. 161; Sacc., Syll. Fung., vol. VIII (1889), p. 226. — Peziza sulphurata Schum. apud Fries, Syst. Mycol., vol. II/1 (1822), p. 72. — Helotium epiphyllum δ) acarium Karst., Mycol. Fenn., pars I (1871), p. 123. — Exsicc.: Phill., Elv. Brit., nr. 189.

Stiria: ad acus putrescentes partim arena obtectas Abietis excelsae DC. ad lacum «Leopoldsteiner See» prope Eisenerz, m. Nov.

det. H. Rehm.

leg. C. de Keißler.

Nach Rehm sind die oben ausgegebenen Exemplare nur durch zitrongelbe Farbe und die nicht deutlich spindelförmigen Sporen von H. sulphuratum Phill. etwas abweichend. Keißler.

1929. Sclerotinia baccarum.

Rehm in Hedwigia, Bd. XXIV (1885), p. 9 et apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. III (1893), p. 807; Sacc., Syll. Fung., vol. VIII (1889), p. 199. — Rutstroemia baccarum Schröt. in Hedwigia, Bd. XVIII (1879), p. 177.

Sclerotium (sogenannte «weiße Heidelbeere»).

Stiria: ad baccas Vaccinii Myrtilli L. prope Landl ad Hieflau, m. Jul.

leg. C. de Keißler.

Anfangs Juli kann man neben den sich zur Reife anschickenden und schwarz sich färbenden Heidelbeeren eine größere Zahl solcher finden, die sich bläulichgrau verfärben, schließlich fast weißlich werden und abfallen, worauf sie unter dem Einfluß des sich kräftig entwickelnden Sclerotium eine etwas schwärzliche Farbe annehmen. Vgl. Ascherson und Magnus, Die weiße Heidelbeere. Ber. deutsch. bot. Gesellsch., Bd. 7 (1889), p. 10.

1930. Pyronema omphalodes.

Fuck., Symb. Mycol. (1869), p. 319; Sacc., Syll. Fung., vol. VIII (1889), p. 107; Rehm apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. III (1894), p. 964. — Peziza omphalodes Bull. apud Fries, Syst. Mycol., vol. II/1 (1822), p. 73. — Aleuria omphalodes Gill., Champ. France, Discom. (1879), p. 48, Pl. 51. — Pyronema Marianum Carus in Nova Acta Leopold., vol. XVII/1 (1835), p. 369, Tab. 27. — Icon.: Boudier, Icon. Fung., vol. II, Tab. 419.

Litorale austriacum: ad terram locis deustis in silva «Ternovaner Wald» supra leg. C. Loitlesberger.

1931. Phoma minutella.

Sacc. et Penz. in Michelia, vol. II (1882), p. 618; Sacc., Syll. Fung., vol. III (1884), p. 121; Allesch. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. VI (1899), p. 313. — *Phoma Meliloti* Allesch., Verz. Südbayern Pilze III in 12. Ber. Botan. Ver. Landshut (1892), p. 193; Sacc., Syll. Fung., vol. XI (1895), p. 488; Allesch. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. VI (1899), p. 306.

Austria inferior: ad caules siccos Meliloti officinalis L., prope Edelstal, m. Apr. leg. C. Rechinger.

Sporen 4 × 0.5 μ, jedoch meist gerade. Annalen des k. k. naturhistorischen Hofmuseums, Bd. XXVI, Heft 1 u. 2, 1912. Keißler.

1932. Phoma rubiginosa.

P. Brun. in Act. Soc. Linn. Bordeaux, vol. LII (1897), p. 140; Sacc. et Sydow, Syll. Fung., vol. XIV (1899), p. 873; Allesch. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. VII (1903), p. 824.

Var. maior.

Sydow in Hedwigia, Bd. XXXVIII (1899), p. (136); Sacc. et Sydow, l. c., vol. XVI (1902), p. 860; Allesch., l. c.

Austria inferior: ad fructus siccos Rosae caninae L., prope Retz, m. Majo. leg. C. Rechinger.

Sporen, wie angegeben, länglich, ca. $7-8 \times 3 \mu$ messend, ohne Öltropfen. Von Sydow auf Früchten von Rosa inodora bei Berlin beschrieben. Keißler.

1933. Phyllosticta latemarensis.

Kabát et Bubák in Österr. botan. Zeitschr., Bd. 55 (1905), p. 77; Sacc., Syll. Fung., vol. XVI (1906), p. 243; Bubák in Növén. Közlem., vol. VI (1907), p. 102 et (21).

Hungaria inferior: ad folia viva Colchici pannonici Gris. et Sch., in pratis ad cacumen montis Suskuluj ad confines Romaniae, m. Jun. leg. J. Tuzson.

1934. Septoria Kalchbrenneri.

Sacc., Syll. Fung., vol. III (1884), p. 515; Allesch. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. IV (1900), p. 779. — Septoria Euphorbiae Kalchbr. in Hedwigia, Bd. IV (1865), p. 158 (nec Guep.). — Septoria media Sacc. et Brun. apud Brun., Champ. ajout. Fl. Saint. in Bull. de la Soc. Botan. France, Tom. XXXVI (1889), p. 339.

Hungaria (comit. Pozsony): ad folia viva Euphorbiae palustris L., in silva Schurwald prope Szt. György, m. Sept. leg. J. A. Bäumler.

Nach den Angaben von Bäumler sind die Sporen gerade, gebogen oder hin- und hergebogen, $30-45 \times 2-2.5 \,\mu$ messend. Ganz ähnlich sind auch die Sporen von S. media, die Saccardo und Brunand, l. c., gleichfalls auf Euphorbia palustris beschreiben. Nach Bäumler befinden sich die Gehäuse in ausgebleichten Flecken, die erst hellrot, dann blutrot, endlich dunkel gesäumt sind. Bei S. media heißt es «Flecken braun, im Zentrum endlich weißlich, mit schwärzlich-blutrotem Saume». Nachdem also auch in der Beschaffenheit der Flecke ein markanter Unterschied nicht zu bestehen scheint, ziehe ich S. media Sacc. et Brun. als Synonym zu S. Kalchbrenneri Sacc.

1935. Septoria Senecionis.

Westend. in Bull. Acad. Royal Belg., T. XIX, part I (1852), p. 64 (sine descript.) et part III (1853), p. 120; Sacc., Syll. Fung., vol. III (1884), p. 549; Allesch. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. VI (1900), p. 854.

Stiria: ad folia viva Senecionis sarracenici L. in monte «Polster» prope Prebichl, 1300 m s. m., m. Julio. leg. C. de Keißler.

Sporen ohne Querwände, während gewöhnlich drei bis vier undeutliche Querwände angegeben sind. Keißler.

1936. Hendersonia vagans.

Fuck., Symb. Mycol. (1869), p. 392; Sacc., Syll. Fung., vol. III (1884), p. 419; Allesch. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. VI (1901), p. 208. — Hendersonia Piri Fuck., Enum. Fung. Nassov. (1860), p. 50, nr. 415, Fig. 17.

Austria inferior: ad aculeos Rosae caninae L., in valle Irenental prope Tullner-bach in silva «Wiener Wald», m. Mart. leg. C. de Keißler.

Vorliegende Exemplare glaube ich am ehesten mit obigem Pilz identifizieren zu können, der sich durch seine länglichen Gehäuse und gelben Sporen auszeichnet, wie dies auch die hinausgegebenen Stücke (Sporen mit zwei bis drei Wänden, die ungleich sind, 12-14 × 5-6 u messend) zeigen. H. ragans Fuck. wurde ursprünglich für Pirus, Prunus, Sorbus etc. angegeben, kommt aber nach Saccardo, Syll. Fung., vol. XII, p. 304 und vol. XIII, p. 1056 auch auf Rubus vor. was mich darin bekräftigt, meinen Pilz auf Rosa hieher zu ziehen, der allerdings nicht die von Fuckel erwähnten esporidia longe-stipitata» besitzt (wahrscheinlich bleibt gelegentlich ein Stück des Sporenträgers an der Spore haften). Die übrigen für Rosa und Rubus beschriebenen Hendersonia-Arten stimmen durchwegs nicht auf den von mir gesammelten Pilz, da sie vor allem nie gelbe, sondern dunkler gefärbte Sporen besitzen, von deren Zellen gewöhnlich eine hyalin bleibt. Über Kulturversuche mit Hendersonia-Arten etc. vgl. die interessante Arbeit von E. Voges, Über die Pilzgattung Hendersonia in Bot. Zeit. (O.-A.), 1911, p. 87.

1937. Naemospora croceola.

Sacc. in Michelia, vol. II (1880), p. 120 et Syll. Fung., vol. III (1884), p. 746; Ailesch. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 1, Bd. VII (1902), p. 537. — Icon.: Sacc., Fungi Ital. Delin., nr. 1086.

Austria inferior: ad corticem Quercuum in monte Eichberg prope Purkersdorf (in silva «Wiener Wald«), m. Oct. leg. C. de Keißler.

1938. Passalora bacilligera.

Fries apud Fresen., Beitr. z. Mvk., Heft 3 (1863), p. 93, Tab. XI, Fig. 55-58; Sacc., Fungi Itai. Delin. (1881), nr. 788 et Syll. Fung., vol. IV (1886), p. 345; Lindau apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Abt. 3, Bd. VIII (1907), p. 790. — Cladosporium baeilligerum Mont. et Fries in Ann. Sc. Natur., Botan., sér. II, Tom. VI (1836), p. 31, Tab. XII, Fig. 5.

Hungaria (comit. Pozsony): ad folia viva Alni glutinosae L. in valle Groß-Weidritztal ad Pozsony, m. Aug.

Die meisten Autoren zitieren Passalora bacilligera Mont. et Fries in Ann. Sc. Natur., Botan., sér. II, Tom. VI (1836), p. 31. An dieser Stelle ist aber von einer Gattung Passalora nichts zu finden, sondern nur ein neues Cladosporium, Cl. bacilligerum, beschrieben. Die Gattung Passalora selbst wurde von Fries in Summa Veget. Scand., sect. poster. (1849), p. 500, aufgestellt, daselbst aber die Kombination P. bacilligera nicht gegeben, überhaupt keine Spezies angeführt. P. bacilligera erscheint das erstemal rechtsgültig publiziert in Fresenius, Beitr. z. Mykol.

1939. Diplococcium resinae.

Sacc., Syll. Fung., vol. IV (1886), p. 374; Magnus apud Dalla Torre et Sarnth., Fl. v. Tir., Bd. III, Pilze (1905), p. 556; Lindau apud Rabenh., Kryptfl. v. Deutschl.,

2. Aufl., Abt. 1, Bd. VIII (1907), p. 840. - Dendryphium resinae Corda, Icon. Fung., vol. VI (1854), p. 10, Fig. 29.

Austria inferior: ad resinam Abietis excelsae DC. in monte «Kleiner Wienerberg» leg. C. de Keißler. prope Tullnerbach, m. Dec.

Dieser Pilz wird von Lindau, l. c., für Böhmen (Corda), für den Sachsenwald bei Hamburg (Jaap), Thüringen (Jaap), Rhöngebirge (Jaap, etwas abweichende Exemplare) und Tirol (Bail) angegeben. Nach meinen Beobachtungen scheint er im Wiener Wald sowie im Bereiche der nördlichen Kalkalpen und ihrer Vorberge in Österreich nicht selten auf Fichtenharz aufzutreten. An der Lokalität, von der hier dieser Pilz ausgegeben ist, habe ich die Wahrnehmung gemacht, daß das ausgeflossene Fichtenharz zunächst von dem Mycel Sirococcus conorum Sacc. et Roum. (vgl. das von mir für diese Exsikkaten gesammelte Exemplar nr. 1832) grünlich, dann schwärzlich verfärbt wird. Die Ausbildung der zugehörigen Pyknidengehäuse erfolgt von Dezember bis gegen Anfang März; es scheint sich also um einen typischen Winterpilz zu handeln. Sobald die Gehäuse von Sirococcus entleert sind und kollabieren, siedelt sich auf dem Harz das Mycel von Diplococcium resinae an, welches das von den Resten des Mycels von Sirococcus durchzogene Harz erst schmutzigbraun, später braun färbt. Die Ausbildung von Sporen erfolgt bei Diplococcium das ganze Jahr hindurch. Auf dem von Diplococcium befallenen Harz siedelt sich dann gelegentlich Dendrostilbella baeomycioides Lindau an (vgl. das von mir für diese Exsikkaten gesammelte Exemplar nr. 1838). Keißler.

1940. Physoderma Schröteri.

Krieger in Hedwigia, Bd. XXXV (1896), p. (144); Sacc., Syll. Fung., vol. XIV (1899), p. 447. — Exsicc.: Krieger, Fungi Saxon., nr. 546 (1890), ubi nomen nud.

Hungaria (comit. Fejér): ad scapos Heleocharidis palustris L. prope pagum Nadap, m. Jul.

det. G. Moesz.

leg. F. Filárszky.

leg. C. Rechinger.

Die von Krieger beschriebene Art dürfte sich kaum wohl als eigene Spezies von Ph. Eleocharidis Schröt. trennen lassen; sie stellt wohl nur eine Form derselben mit meist kleineren Flecken und etwas größeren Dauersporangien dar. Keißler.

Addenda:

602. Peronospora calotheca.

De Bary.

b) Austria inferior: ad folia Asperulae odoratae L. in silva Pfaffenwald prope Purkersdorf, m. Majo. leg. F. de Höhnel.

1 945. Polyporus sulphureus.

Fries.

Mycelium.

a) Austria inferior: ad truncum Pyri Mali L. prope Kritzendorf, m. Nov.

1166. Belonium pineti.

b) Germania (Brandenburg): ad acus putrescentes Pini silvestris L. ad Sophientädt prope Ruhlsdorf in ditione Nieder-Barnim, m. Jul. leg. P. Sydow.

1194. Fusarium heterosporum.

Nees ab Esenb.

b) Hungaria (com. Pozsony); ad sclerotium Claricipitis purpureae Tul. in spicis Festucae giganteae Vill. in valle Groß-Weidritztal prope Pozsony, m. Aug.

leg. J. A. Bäumler.

1478. Gloeosporium Tiliae.

Oudem.

Var. maculicolum.

Allesch.

b) Austria inferior: ad folia viva Tiliae parrifoliae Ehrh. inter Rekawinkl et Finsterleithen in silva «Wiener Wald». leg. F. de Höhnel.

Algae (Decas 29).

1941. Oscillatoria princeps.

Vaucher, Histoire de Conferv. (1803), p. 190, Tab. XV, Fig. 2; Endlicher, Mantissa bot. altera, Suppl. III (1843), p. 13; Gomont, Monogr. des Oscill. (1894), p. 206, Tab. VI, Fig. 9; De Toni, Syllog. Algar., vol. V (1907), p. 150. — Oscillaria maxima Kütz., Phyc. Gener. (1843), p. 190; Idem, Phyc. German. (1845), p. 161; Idem, Tabul. Phycol., vol. I (1846), p. 32, Tab. XLIV, Fig. 11; Idem, Spec. Algar. (1849), p. 248. — Lyngbya princeps Hansgirg, Prodr. Algenfl. Böhmen II (1892), p. 119.

Parce immixta: Oscillatoria formosa Gomont.

Die vorliegende Form der Oscillatoria princeps, deren Dicke nach Gomont zwischen 16 und 60 \u03c4 schwankt, ist eine besonders kleine Quantitätsform, sie ist nur 13-14 \u03c4 breit. Der Mangel der Granula an den Scheidewänden charakterisiert Oscillatoria princeps und Oscillatoria proboscidea. Durch die geringe Fadendicke nähert sich unsere Form letzterer Spezies, aber die Form der Fadenenden ist ganz die für Oscillatoria princeps so charakteristische.

Austria inferior: in superficie fluminis «Kamp» prope Gars.

leg. C. de Keißler, det. S. Stockmayer.

1942. Cymbella microcephala.

Grunow in Cleve, Synops. of the Naviculoid Diatoms, vol. I, p. 160; Van Heurck, Synops. Diatom. (1880, p. 63, Tab. 3, Fig. 36—39; De Toni, Syll. Alg., vol. II (1891), p. 353.

Eine etwas größere, meist 25 u, mitunter aber bis zu 34 u lange Form.

Cymbella lanceolata Ehrenb. in Cleve, Synops. of the Naviculoid Diatoms, vol. I, p. 174; Van Heurek, Synops. Diatom. (1880), p. 63, Tab. 2, Fig. 7.

Chromatophoren gebaut, wie es A. Schmidt, Atlas der Diatomeenkunde, Tab. 72, Fig. 22—24 zeigen.

Austria inferior: in paludibus rivi «Reisenbach» prope Unterwaltersdorf, m. Maio. leg. et det. S. Stockmayer.

1943. Myrionema strangulans.

Grev., Cryptog. Flora (1826), Tab. 300; Kütz., Spec. Algar. (1849), p. 540; De Toni, Syll. Alg., vol. III (1895), p. 399. — Myrionema maculiforme Kütz., Phyc.

German. (1847), p. 264; Idem, Tab. Phycol., vol. VII (1859), Tab. 93, Fig. 2. — Myrionema vulgare Thuret in Le Jol. List. Alg. Cherb. (1880), p. 82 ex parte.

Dalmatia: Ulvae Lactucae Linné insidens in mari prope Spalato, m. Maio. det. J. Schiller, com. F. Steindachner.

1944. Sphacelaria tribuloides.

Menegh., Alg. Italian. (1842), p. 336; Kütz., Spec. Algar. (1849), p. 464; Idem, Tabul. Phycol., vol. V (1855), Tab. 89, Fig. 2; De Toni, Syll. Alg., vol. III (1895), p. 502.

Istria: in mari adriatico prope Lussinpiccolo. leg. J. Schiller.

1945. Ectocarpus paradoxus.

Mont. in Moris et de Notaris., Flor. Caprar. (1839), nr. 175, Tab. V, Fig. 1—3; Ardissone, Phycol. Mediterr., vol. II (1886), p. 73; De Toni, Syll. Alg., vol. III (1895), p. 541. — *Ectocarpus caespitulus* J. Agardh, Alg. Mediterr. (1842), p. 26; Kütz., Spec. Alg. (1849), p. 455; Idem, Tab. Phycolog., vol. V (1855), Tab. 62, Fig. 2.

Dalmatia: in mari adriatico prope insulam Pelagosa. leg. J. Schiller.

1946. Phormidium tinctorium.

Kütz., Tab. Phycol., vol. I (1845), p. 35, Tab. 49, Fig. 3; Idem, Spec. Algar. (1849), p. 255; Gomont, Monogr. (1894), p. 162, Tab. IV, Fig. 11 forma stratosa; De Toni, Syll. Algar., vol. V (1907), p. 218.

Die Lager sind zart und bilden tief dunkelgrüne Belege auf dem Grunde und an den Seitenwänden. Häufig lösen sich — wohl vornehmlich infolge des Gehaltes an Gasblasen — Stücke los und bilden in stilleren Ecken sich anhäufende, an der Oberfläche schwimmende Häute, welche in der Regel viel heller grün sind und denen auf der Unterseite reichlich eine gelbliche, lehmig-kotige Masse anhängt, die aus leeren Scheiden, mineralreichen Detritus und Eisenoxydhydrat (aus dem sehr eisenreichen Wasser, das auch radiumhältig ist) bestehen. Desgleichen finden sich im ganzen Verlaufe des Abflusses ca. 500 Schritte weit reichlich Metastasen von Phormidium tinctorium teils auf dem Grunde in Form jener zarten, fast Oscillaria-artigen Häute, teils an der Oberfläche in Form der festen lederigen Häute. Erstere (Grund- oder Oscillaria-ähnliche Form) zeigt hie und da Andeutungen von Fasciculi, aber nur undeutlich, letztere hingegen ist ein sehr ausgeprägtes Phormidium.

Die forma stratosa ist wohl nur eine Standortsform, bei rascherem Gefälle wird sich wohl die von Gomont als Typus beschriebene faszikulierte Form ausbilden.

Immixtae sunt: Oscillatoria tenuis Ag. var. natans Gomont, Oscillatoria splendida Grev. diatomaceae variae.

Hungaria (comitatus Sopron): in aqua thermuli (14° R) in balneo prope Lajtha-Pordany, m. Oct. leg. et det. S. Stockmayer.

1947. Phormidium laminosum.

Gomont in Journ. de Botanique, vol. IV (1890), p. 355; Gardner in Coll. Hald. et · Setch. Phycotheca Bor. Amer., Nr. 1003; De Toni, Syll. Algar., vol. V (1907), p. 225. — Oscillatoria laminosa Ag. in Flora, Bd. 10 (1827), p. 633. — Oscillatoria laminosa Ag., l. c. — Leptothrix lamellosa Kütz., Phyc. Gen. (1843), p. 199 — Leptothrix compacta Kütz., Tab. Phycol., Bd. I (1846), Tab. 66, Fig. 1. — Leptothrix Braunii Kütz., Phycol. gener. (1843), p. 198; Idem, Phyc. German. (1845), p. 166; Idem, Spec. Alg.

(1849), p. 266; Idem, Tab. Phycol., vol. I (1846), p. 40, Tab. 66, Fig. 1. - Lyngbya laminosa Thur., Essai (1857), p. 8; Hansgirg, Prodr. Alg. Fl. v. Böhmen II (1892), p. 88 (exclus. synon.). — Lyngby a laminosa b. amphibia Hansgirg, Alg. Fl. v. Böhmen II (1892), p. 89. - Lyngbya compacta Hansgirg, Alg. Fl. v. Böhmen II (1892), p. 88.

Bedeckt die Mauer in der nächsten Nähe der Ausflußöffnung des «kleinen Sprudels»

und wird fortwährend vom dampfenden Thermalwasser bespült.

Bohemia: in aqua thermali in muris «kleiner Sprudel» Karlsbad, m. Sept. det. S. Stockmayer, leg. K. Rechinger.

Microcoleus Chthonoplastes. 1948.

Thuret, Essai in Annal. de Scienc. Nat. Botanique, sér. VI, vol. I (1875), p. 378; De Toni, Syll. Alg., vol. V (1907), p. 371; Gomont, Monogr. Oscill. I (1894), p. 91. — Lyngbya aestuarii Liebmann, Bemerk, og Tilläg, til danske Algfl, Kröyers Tidskr. (1841), p. 492; De Toni, Syll. Alg., vol. V, p. 262; Gomont, Monograph. II (1894), p. 147.

Immixtum est: Closterium Dianae Ehrenb.

Hungaria (comitatus Moson): ad ripas lacus Peisonis inter pagos «Neusiedl am leg. et det. Stockmayer. See et «Weiden» in terra salsa humida, m. Sept.

Chamaesiphon minutus.

Lemmermann, Algenfl. v. Brandenburg, Bd. III (1907), p. 98. — Sphaerogonium minutum Rostafinski, Bericht d. Krakauer Akadem., Bd. X (1883), p. 305; De Toni, Syllog. Algar., vol. V (1907), p. 141.

Dicht überziehend die Scheiden von Tolypothrix penicillata Thuret.

Dieses Specimen ist besonders interessant durch das fast vollständige Fehlen von Heterocysten, was bei Toly pothrix insbesondere bei T. penicillata nicht so selten der Fall ist. An Stelle der Heterocysten treten Spaltkörper an der Basis der «pseudorami solitarii» auf (Übergang zu Plectonema).

Sehr häufig finden sich «pseudorami gemini» (Anlehnung an Scytonema). Die pseudorami solitarii sind nicht selten eine Strecke lang in der gemeinsamen Scheide eingeschlossen (Anlehnung an den Rivularia- und Schizothrix-artigen Pseudoramifikationstypus.

Carniolia: in fonte parvo lapidibus insidens prope Kronau, m. Junio.

leg. K. de Keißler, det. S. Stockmayer.

Glaspräparat:

Ceratium tripos. 1950.

Nitzsch, Beitr. z. Infusorienkunde in neuen Schriften d. naturforsch. Gesellsch. zu Halle, Bd. III (1817), p. 4; Lemmermann, Phytoplankton d. Meeres, Beiheft z. bot. Zentralbl., Bd. XIX, 2 (1906), p. 24; Karsten, Phytoplankt, d. Atl. Oz. nach d. Mater. d. deutsch. Tiefsee-Expedit. 1898-1899 (1906), Bd. II, 2. Teil, 2. Lief., p. 140. - Cercaria tripos O. F. Müller, Zoologiae Daniae Prodromus (1776), p. 206.

Insunt insuper: Ceratium furca Claparede et Lachm. et C. fusus Claparede et Lachm.

Norvegia: in mari prope Dröbak, «Kristianiafjord», m. Sept. (Planktonfang). leg. H. H. Gran, praepar. R. Pfeiffer de Wellheim.

Präparation: Venezianischer Terpentin, Eisenkarminfärbung, Alkoholmaterial.

Addenda:

424 b. Phormidium subfuscum.

Gom.

Stiria superior: in lacu «Leopoldsteiner See», m. Julio.

leg. K. de Keißler, det. S. Stockmayer.

637 b. Vaucheria dichotoma.

(L.) Ag.

Fäden 200—288 μ dick, Antheridien bis zu 192 dick, 240 μ lang, Oogonien 360—420 μ dick, 400—450 μ lang.

Romania: in rivis prope Campulung. leg. A. Loitlesberger.

Teodorescu, Matériaux pour la flore algologique de la Romanie in Beil. zum Botan. Zentralblatte, Bd. XXI, 1908, Heft II, p. 157, sagt: «Si les organes qu'ont vus la plupart des auteurs, étaient vraiement des oogones et si ceux-ci ne possédaient qu'un diamètre de 100 μ , il faudra peut-être considérer la plante que Solms et moi avons étudiée, comme une nouvelle forme: ampla, qui diffère du type par les dimensions des oogones reproducteurs et de la forma marina Hauck par son habitat ainsi que par les dimensions de toutes ses parties.»

Die vorliegende Form, die ebenso wie die von Teodorescu beschriebene aus Rumänien stammt, hat noch größere Oogone als die forma ampla Teodorecus und die Pflanze Solms, die Antheridien unserer und der Exemplare Teodorescus sind ziemlich gleich und fast $1^2/3$ mal so groß, als Solms sie angibt; die Fäden sind auch oft noch dicker, als Solms und Teodorescu und auch Heering (s. u.) angeben.

Mit Heering (Die Süßwasseralgen Schleswig-Holsteins, Jahrb. der Hamburg. Wissenschaftl. Anstalten XXIV, 3. Beiheft, p. 139, 1907) glaube ich, daß solche reine Quantitätsformen nicht benannt werden sollen, auch nicht mit dem Epitheton & forma*.

S. Stockmayer.

1513 c. Lemania fluviatilis.

C. A. Ag.

Stiria superior: lapidibus insidens in fluvio «Enns» prope Landl ad Hieflau, m. Julio. leg. K. de Keißler.

Vorliegende Form entspricht der forma α Bornemanns (Beiträge z. Kenntnis der Lemanniaceen, 1887, p. 42), nähert sich aber durch die stark entwickelten Antheridialpapillen der forma β , die Färbung aber entspricht der von α . Nach den Nomenklaturregeln hat die Pflanze jetzt Sacheria fluviatilis Sirodot in Ann. Scienc. Nat. Botan., sér. 5, Tom. XVI (1872), p. 70, zu heißen.

S. Stockmayer.

1760 b. Chamaesiphon polonicus.

Hansgirg.

Stiria superior: ad ostium lacus «Leopoldsteiner See», m. Julio.

leg. K. de Keißler, det. S. Stockmayer.

1850 b. Tolypothrix penicillata.

Thur.

Stiria superior: in lacu «Leopoldsteiner See».

leg. K. de Keißler, det. S. Stockmayer.

Lichenes (Decades 47-49).

1951. Verrucaria praetermissa.

Anzi in Comment. Societ. Crittogam. Italian., vol. II, Fasc. 1 (1864), p. 64 (sed non Anzi, Lich. Langob. exsice.). — Leiophloea praetermissa Trevis., Conspect. Verrucar. (1860), p. ioi. — Verrucaria laevata Körb., Syst. Lich. Germ. (1855), p. 349 non Ach.

Die Flechte ist trotz der durch Trevisan erfolgten Umtaufung noch nicht klargestellt und ihr Verhalten zu den übrigen Arten der Hydrela Gruppe wird erst näher präzisiert werden müssen. Wenn sie unter der vielleicht nur provisorischen Benennung Trevisans schon jetzt zur Ausgabe gelangt, so geschieht dies, um das gleichmäßige und instruktiv gesammelte Material den Lichenologen zugänglich zu machen.

Zahlbruckner.

Hungaria: ad saxa arenacea ad flumen Rečina prope Tanovica, 300-320 m s. m. leg. F. Blechschmidt et J. Schuler.

1952. Cyphelium californicum.

A. Zahlbr. apud Engler-Prantl, Natürl. Pflanzenfam., I. Teil, Abt. 1* (1903), p. 84; Herre in Proceed. Washington Acad. Sc., vol. XII (1910), p. 61. — Trachylia californica Tuck. in Proceed. Americ. Acad. Arts and Sc., vol. VI (1866), p. 263. — Acolium californicum Tuck., Lich. of California (1866), p. 27 et Genera Lichen. (1872), p. 237; Reinke in Pringsh., Jahrbüch. f. wissensch. Botan., XXIX (1896), p. 195, Fig. 198.

America Borealis (California): Oakland Hills prope Oakland, de 1200's.m., adsaxa arenacea.

1953. Schismatomma pluriloculare.

A. Zahlbr. apud Engler-Prantl, Natürl. Pflanzenfam., I. Teil, Abt. 1* (1905), p. 116.

— Platygrapha pluvilocularis A. Zahlbr. in Beihefte zum Botan. Zentralbl., vol. XIII (1902), p. 156.

America Borealis (California): Catalina Island, ad corticem Rhoidis integrifoliae. (Locus classicus.)

1954. Lecidea parasema.

Arn. in Flora, vol. LXVII (1885), p. 559 et Zur Lichenfl. Münchens in Berichte

Bayr. Botan. Gesellsch., vol. I (1891), Anhang p. 79.

Ich fasse die Art im engeren Sinne Arnolds: «thallus cinerascens, C-; hypothecium fulvescens» und sehe von anderen Zitaten, welche sich nur zum Teil auf die Flechte beziehen, ab.

Planta lignicola.

Austria inferior: ad scandulas in monte Sonntagberg prope Rosenau.

leg. P. P. Strasser.

1955. Lecidea (sect. Biatora) mollis.

Nyl., Lichen. Scand. (1861), p. 223; Leight., Lich.-Flora Great Britain (1871), p. 277 et edit. 3ª (1879), p. 280; Th. Fries, Lichgr. Scandin., vol. I (1874), p. 451; Hue in Revue de Botan., vol. VI (1887—1888), p. 39 et in Nouv. Archiv. du Museum, sér. 3ª, vol. III (1891), p. 129; Wainio in Acta Soc. pro Fauna et Flora Fennic., vol. XIII, nr. 6 (1896), p. 18; A. L. Smith, Monogr. Brit. Lich., vol. II (1911), p. 89. — Lecidea rivulosa

β. mollis Wahlb., Flora Lappon. (1812), p. 472 et Flora Suecic., vol. II (1826), p. 863. — Biatora rivulosa β. mollis Th. Fries in Nova Acta Reg. Soc. Scient. Upsal., ser. 3^a, vol. III (1861), p. 298; Tuck., Synops. North Americ. Lich., vol. II (1888), p. 24. — Biatora mollis Stein apud Cohn, Kryptg.-Flora von Schlesien II, 2. Heft (1879), p. 200; Arn. in Veih. zool.-bot. Gesellsch. Wien, vol. XXV (1875), p. 441.

Suecia: Lapponia torneensis, paroch. Karestiando, in summo monte Vuokavaara, ca. 600 m s. m., ad saxa granitica. leg. G. Lång.

1956. Gyrophora rugifera var. stipitata.

G. Lång. — Umbilicaria stipitata Nyl., Scandin. (1861), p. 289, Synops. Meth. Lichen., vol. II (1863), p. 15 et in Flora, vol. XLVIII (1865), p. 604 not. et vol. LII (1869), p. 388. — Gyrophora stipitata Branth et Grönl., Grönlands Lich.-Flora (1887), p. 491; Hue in Revue de Bot., vol. V (1886—1887), p. 15 (erron. sub «G. stipata»); Oliv. in Mém. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 261. — Gyrophora hirsuta Darb., Report Second. Norweg. Arctic Expedit., Lichens (1909), p. 24 saltem pr. p. secund. specim. origin. ex Ellersmerelandie in muscis Helsingforsiae et Lundae.

Auf demselben Standorte wachsen vollkommen normale Gyrophora cylindrica var. Delisei mit Gyrophora rugifera var. stipitata gemischt, ohne daß Übergänge vorkommen. Die Exemplare aus Ellesmereland stimmen genau mit meinen Stücken überein. Gyrophora cylindrica var. Delisei hat gerillte Apothezien und einen nabellosen Thallus.

G. Lång.

Suecia: Lapponia torneensis, paroch. Karesuando, in latere rupis infra cacumen australe montis Pältsä, ca. 1250 m s. m. leg. G. Lång.

1957. Gyrophora reticulata.

Th. Fries, Lichgr. Scand., vol. I (1871), p. 166; Arn. in Verh. zool.-botan. Gesellsch. Wien, vol. XXV (1875), p. 439, vol. XXVI (1876), p. 362 et vol. XXVIII (1878), p. 266; Lamy in Bull. Soc. Botan. France, vol. XXX (1883), p. 365; Hue in Nouv. Archiv. du Muséum, sér. 3ª, vol. III (1891), p. 35; Harm. in Bull. Soc. Sc. Nancy, sér. 2ª, vol. XXXI ([1896] 1897), p. 266; Jatta, Sylloge Lich. Italic. (1900), p. 157 et in Flora Italic. Cryptog., Fasc. III (1911), p. 706; Goffart in Bull. Herb. Boissier, sér. 2ª, vol. II (1902), p. 961, Tab. X, Fig. 4; Oliv. in Mém. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 258; Lynge in Bergens Mus. Aarbog (1910), nr. 9, p. 56; Herre in Contrib. U. S. Nation. Museum, vol. XIII (1911), p. 316, Tab. 69. — Gyrophora polymorpha c. G. reticulata Schaer. in Naturwiss. Anzeiger d. allgem. schweizerisch. Gesellsch. Naturw., vol. I (1818), p. 7. — Umbilicaria atropruinosa var. reticulata E. Fries, Lichgr. Europ. Reform. (1831), p. 351; Dietrich, Lichgr. German. (1832—1837), p. 21, Tab. 94; Nyl., Lich. Scandin. (1861), p. 114 et Synops. Meth. Lichen., vol. II (1863), p. 6. — Umbilicaria reticulata Nyl. in Flora, vol. LII (1869), p. 389.

Exsicc.: Anzi, Lich. Ital. Super., nr. 80; Arnold, Lich. Exsicc., nr. 657; Rabh., Lichen. Europ., nr. 424.

Suecia: Lapponia torneensis, paroch. Karesuando, in monte Guåbnetjåkko, ca. 560 m s. m. leg. G. Lång.

1958. Gyrophora leiocarpa.

Steud., Nomencl. Botanic. (1824), p. 194. — Umbilicaria leiocarpa DC., Fl. Franç., vol. II (1805), p. 410 et Synops. Plant. (1806), p. 88; Wainio in Voyage S. Y.

Belgica, Botan. (1903), p. 9. - Umbilicaria anthracina Hoffm., Deutschl. Flora (1796), p. 110; Schaer., Enumer. Crit. Lich. Europ. (1850), p. 27; Mass., Ricerch. sull'auton. Lich. (1852), p. 62, Fig. 114; Nyl. in Botanisk. Notiser (1853), p. 159; Linds. in Transact. Linn. Soc. London, vol. XXVII (1869), p. 335, Tab. XLIX, Fig. 9; Tuck., Synops, North Americ, Lich., vol. l (1882), p. 84. -- Umbilicaria atropruinosa var. anthracina E. Fries, Lichgr. Europ. Reform. (1831), p. 351. - Gyrophora anthracina Körb., Syst. Lich. Germ. (1855), p. 99 et Parerg. Lich. (1859), p. 39; Lichgr. Scand., vol. I (1871), p. 165; Hazsl., Magy. Birod. Zuzmóflor. (1884), p. 75; Sydow, Flecht. Deutschl. (1887), p. 66; Jatta, Sylloge Lich. Italic. (1900), p. 168 et in Flora Italic. Cryptog., Fasc. III (1911), p. 702; Goffart in Bull. Herb. Boissier, sér. 2ª, vol. II (1902), p. 961, Tab. X. Fig. 1; A. Zahlbr. apud Engler-Prantl, Natürl. Pflanzenfam., Bd. I, Abt. 1* (1906), p. 148, Fig. 69, D; Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Math. Cherbourg, vol. XXXVI (1907), p. 259; Lynge in Bergens Museum Aarbog (1910), nr. 9, p. 51. -Grophora heteroidea E. einerascens Ach., Lichgr. Univ. (1810), p. 220. - Grophora tessellata var. cinerascens Ach., Synops. Lich. (1814), p. 64. - Umbilicaria atropruinosa yar. cinerascens Nyl., Lich. Scand. (1861), p. 113 et Synops. Meth. Lichen., vol. II (1863), p. 7.

Exsice.: Arnold, Lich. exsice., nr. 1650, 1785; Th. Fries, Lich. Scand., nr. 38;

Malme, Lich. exsicc., nr. 153; Univ. Itiner. Cryptog., nr. 12.

Gyrophora anthracina Ach., Method. Lich. (1803), p. 102 (= Lichen anthracinus Wult, ist nach Ach., Synopsis Gyrophora glabra und mit Gyrophora anthracina Korb, und der späteren Autoren nicht identisch. Mithin ist das Binom für alle Fälle vergeben und darf im Sinne der Wiener Nomenklaturregeln vom Jahre 1905 nicht wieder zur Verwendung gelangen. Wir müssen auf die De Candollesche Benennung zurückgreifen.

Suecia: Lapponia torneensis, paroch. Jukkasjärvi in monte Kattarak, ca. 650 m s. m.

leg. G. Lång.

Gyrophora erosa. 1959.

Ach., Method, Lich. (1803), p. 103 et Lichgr. Univ. (1810), p. 224 (a); Sm. et Sowerb., Engl. Botan., vol. XXIX (1809), Tab. 2066; Schaer. in Naturwiss. Anzeiger der ailgem. schweizer. Gesellsch. f. Naturw., vol. 1 (1818), p. 7; Tul. in Annal. Sc. Nat., Bot., sér. 34, vol. XVII 1852, p. 206; Körb., Syst. Lich. Germ. (1855), p. 96 et Parerg. Lichgr. (1859), p. 40; Mudd, Manual Brit. Lich. (1860), p. 117; Rabh., Kryptog.-Flora v. Sachsen, 2. Abt. 1870, p. 278; Arn. in Verhandl. zool.-bot. Gesellsch. Wien, vol. XXV (1875), p. 438; Stein apud Cohn, Kryptog.-Flora von Schlesien, Bd. II, 2. Heft (1879), p. 94; Th. Fries in Journ. Linn. Soc. London, Bot., vol. XVII (1879), p. 355; Sydow, Flecht. Deutschl. (1887), p. 66; Hue in Nouv. Archiv. du Muséum, sér. 3a, vol. III (1891), p. 37; Cromb., Monogr. Lich. Britain, vol. I (1894), p. 329; Harm. in Bull. Soc. Sc. Nancy, sér. 2ª, vol. XXXI [1896] 1897), p. 269; Jatta, Sylloge Lich. Italic. (1900), p. 156 et in Flora Italic, Cryptog., Fasc. III (1911), p. 707; Oliv, in Mémoir, Soc. Nation, Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 255; Lynge in Bergens Museum. Aarbog (1910), nr. 9, p. 52; Herre in Contrib. U. S. Nation. Herbar., vol. XIII (1911), p. 320. - Lichen erosus Web., Spicil. Florae Goetting. (1778), p. 259; Ach. in Kgl. Vetensk.-Akad. Nya Handling., vol. XV (1794), p. 87, Tab. II, Fig. 1 et Lichgr. Suec. Prodr. (1798), p. 145. — Umbilicaria erosa Hoffm., Deutschl. Flora (1796), p. 111 et Descript, et Adambr. Plant. Lichen., vol. III (1801), p. 7, Tab. LXX, Fig. 1--5; Hoppe apud Sturm, Deutschl. Flora, 2. Abt., Heft 7 (1805), p. 10, Tab. XXIV, Fig. 7; E. Fries, Lichgr. Europ. Reform. (1831), p. 354; Schaer., Enum. Crit. Lich. Europ. (1850), p. 29; Mass., Ricerch. sull'auton. Lich. (1852), p. 62, Fig. 116; Linds. in Transact. Roy. Soc. Edinbourgh, vol. XXII (1859), p. 187, Tab. IX, Fig. 22—23; Nyl. in Actes Soc. Linn. Bordeaux, vol. XXI (1856), p. 310, Lich. Scandin. (1861), p. 118, Synops. Method. Lich., vol. II (1863), p. 15, Tab. IX, Fig. 12 et in Flora, vol. LII (1869), p. 388; Leight., Lich.-Flora Great Britain (1871), p. 158 et edit. 3a (1879), p. 145; Wainio in Meddel. Soc. pro Fauna et Flora Fennic., vol. VI (1881), p. 138 et in Arkiv för Botan., vol. VIII, nr. 4 (1909), p. 12; Tuck., Synops. North Americ. Lichen., vol. I (1882), p. 86; Harm., Lichens de France, Fasc. IV ([1909] 1910), p. 702. — Gyrophora erosa a) normalis Th. Fries, Lichgr. Scand., vol. I (1871), p. 159; Flagey in Mémoir. Soc. d'Émul. Doubs (1882), p. 475. — Gyrophora Koldeweyi Körb. in Zweite Deutsche Nordpolf., vol. II (1874), p. 77.

Suecia: Lapponia torneensis, paroch. Jukkasjärvi, ad rivulum Rautajski prope pagum Junusuando masugnsby. leg. G. Lång.

1960. Gyrophora arctica.

Ach., Method. Lich. (1803), p. 106, Tab. II, Fig. 6, in Kgl. Vet.-Akad. Nva Handl. (1808), p. 274 et Lichgr. Univ. (1810), p. 221; Flk. in Gesellsch. naturf. Freunde Berliner Magazin, vol. IV (1810), p. 65; Sm. et Sowerb., Engl. Botany, vol. XXXV (1813), Tab. 2485; S. Gray, Natur. Arrang. Brit. Plant., vol. I (1821), p. 477; Sydow. Flecht. Deutschl. (1887), p. 66; Hue in Nouv. Archiv. du Muséum, sér. 3a, vol. III (1891), p. 36; Cromb., Monogr. Lich. Britain, vol. I (1894), p. 331; Arn., Labrador (1896), p. 6; Jatta, Sylloge Lich. Italic. (1900), p. 155 et in Flora Italic. Cryptog., Fasc. III (1911), p. 707; Oliv in Mémoir. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 255; Herre in Contrib. U. S. Nation. Herbar., vol. XIII (1911), p. 311. — Gyromium proboscideum β. arcticum Wahlbg., Flora Lappon. (1812), p. 483. — Gyrophora proboscidea var. arctica Ach., Synops. Lich. (1814), p. 65; Mann., Lich. in Bohem. observ. dispos. (1825), p. 67; Hook. in Sm., Engl. Flora, vol. V (1844), p. 221; Körb., Parerg. Lich. (1859), p. 40. — Umbilicaria proboscidea var. arctica E. Fr., Lichgr. Europ. Reform. (1831), p. 355; Tuckm., Synops. North Americ. Lich., vol. I (1882), p. 84. — Umbilicaria polymorpha y. arctica Schaer., Enum. critic. Lichen. Europ. (1850), p. 27. - Umbilicaria varia d. arctica Leight. in Annals and Magaz. Natur. Hist., ser. 22, vol. XVIII (1856), p. 283, Tab. X, Fig. 6. — Umbilicaria arctica Nyl., Herb. Musei Fennic. (1859), p. 84; Lich. Scand. (1861), p. 116, Synops. Meth. Lichen., vol. II (1863), p. 13 et in Flora, vol. LII (1869), p. 389; Linds. in Transact. Linn. Soc. London, vol. XXVII (1869), p. 333, Tab. XLIX, Fig. 8; Leight., Lich.-Flora Great Brit. (1871), p. 157 et ed. 3ª (1879), p. 145.

Suecia: Lapponia torneensis, paroch. Jukkasjärvi, in monte Njutum, saxicola.

leg. G. Lång.

1961. Cladonia rangiferina f. major.

Flk.; Wainio, Monogr. Cladon. Univ., vol. I (1887), p. 15.

Germania: in montibus «Osenberge». leg. H. Sandstede.

1962. Cladonia acuminata.

(Ach.) Norrl. — Wainio, Monogr. Cladon. Univ., vol. II (1894), p. 73 et vol. III (1897), p. 250.

Suecia: Lapponia torneensis, paroch. Karesuando, in latere collis Mustavaara prope pagum Närvä, in loco subhumido regionis sylvaticae. leg. G. Lång.

1963. Cladonia strepsilis.

(Ach.) Wainio, Monogr. Cladon. Univ., vol. II (1894), p. 403 et vol. III (1897), p. 261.

Germania: in turfosis «Ostermoor» prope Zwischenahn, Oldenburg.

leg. H. Sandstede.

1964. Ephebe solida.

Bornet in Annal. Scienc. Nat., Bot., ser. 3a, vol. XVIII (1852), p. 169; Nyl., Synops. Lichen., vol. I (1858), p. 90; Tuckm., Synops. North Americ. Lich., vol. I (1882), p. 132; Hue in Nouv. Archiv. du Muséum, sér. 3a, vol. II (1890), p. 226; Reinke in Pringsh., Jahrbüch. f. wiss. Botan., vol. XXVIII (1895), p. 422, Fig. 140, V; A. Zahlbr. in Engler-Prantl, Natürl. Ptlanzenfam., vol. I, Abt. 1* (1906), p. 155, Fig. 76, B; Herre in Proceed. Washingt. Acad. of Scienc., vol. XII (1910), p. 130.

America borealis (California): Santa Cruz Mts. prope New Almaden, ad saxa leg. A. C. Herre.

arenaria.

1965. Heppia Zahlbruckneri.

Hasse in Bryologist, vol. XIV (1911), p. 100.

America borealis (Calitornia): Rubi Cañon in montibus San Gabriel, Los Angelos Co., ad saxa quartzosa (Specimina originalia). leg. H. E. Hasse.

1966. Nephroma expallidum.

Nyl. in Flora, vol. XLVIII (1865), p. 428 et vol. LII (1869), p. 412; Leight, in Annal, and Magaz. Natur. Hist., ser. 4a, vol. V (1870), p. 39; Rabh., Flecht. Europ., Fasc. 34, 1871; nr. 911; Arn. in Verhandl. zool.-bot. Gesellsch. Wien, vol. XXVI (1876), p. 371; Tuckm., Synops. North Americ. Lich., vol. I (1882), p. 103; Hue in Nouv. Archiv. du Muséum, sér. 3a, vol. II (1890, p. 312; Oliv. in Mémoir. Soc. Nation. Sc. Nat. et Mathém., vol. XXXVI (1907), p. 212; Lynge in Bergens Mus. Aarbog (1910), nr. 9, p. 113, Tab. IV, Fig. 2-3. — Nephronium expallidum Nyl. in Öfvers. Kgl. Vet.-Akad. Förhandl., vol. XVII (1860), p. 295, Synops. Lichen., vol. I (1860), p. 318 et Lich. Scandin. (1861), p. 86. — Opisteria expallida Wainio in Arkiv för Botan., vol. VII, nr. 4 (1909), p. 93 et 94.

Suecia: Lapponia torneensis, paroch. Jukkasjärvi, in monte Luossavaara, ca. 659 m leg. G. Lång.

s. m., loco subhumido.

1967. Nephroma resupinatum.1)

Ach., Lichgr. Univ. (1810), p. 522; S. Gray, Natur. Arrang. Brit. Plants, vol. I (1821), p. 426; Mérat, Nouv. Flor. Envir. Paris, ed. 2°, vol. I (1826), p. 200; Chevallier, Flore Génér. Envir. Paris, vol. I (1826), p. 616, Tab. XIV, Fig. 8; Link, Grundr. d. Kräuterk., vol. III (1833), p. 176; DNotrs. in Memor. R. Accad. Sc. Torino, nr. 2°, vol. XII (1851), p. 135, Tab. II, Fig. XI; Tul. in Annal. Sc. Natur., Bot., ser. 3°, vol. XVII (1852), p. 201, Tab. IX, Fig. 18—23; Mass., Memor. Lichenogr. (1853), p. 23, Fig. 10 et Schedul. critic., Fasc. III (1856), p. 57; Oliv., Flore Lich. de l'Orne, vol. I (1882), p. 89; Hue in Nouv. Archiv. du Muséum, sér. 4, vol. II (1900), p. 104; A. Zahlbr. in Engl. Prantl,

¹) Das Wort «Nephroma» wurde in der alteren Literatur mitanter als weißliches Hauptwort betrachtet und dementsprechend der Speziesnamen in der weißlichen Lorm angewendet. Ich hebe bei den obigen Zitaten darauf keine Rücksicht genommen und auch dort die neutrale Form angewendet, wo im ursprünglichen Text die weibliche Form steht.

Natürl. Pflanzenf., vol. I, Abt. 1* (1907), p. 194, Fig. 101, D et Fig. 102, F; Lynge in Bergens Mus. Aarbog (1910), nr. 9, p. 112, Tab. IV, Fig. 4. - Lichen resupinatus Linn., Spec. Plant. (1753), p. 1148; Müller, Icon. Plant. Daniae, vol. V, Fasc. 13 (1778), Tab. DCCCXIV; Wulf. apud Jacqu., Collect. Botan., vol. IV (1790), p. 257, Tab. XII, Fig. 1; Sm. et Sowerb., Engl. Botan., vol. V (1796), Tab. 305. — Nephromium resupinatum Arn. in Flora, vol. LXVII (1884), p. 231 et Zur Lich.-Flora München in Bericht Bayr. Botan. Gesellsch., vol. I (1891), Anhang, p. 36; Wainio in Meddel. Soc. Fauna et Flora Fennic., vol. XIV (1888), p. 23; Dalla Torre et Sarnth., Flecht. v. Tirol (1902), p. 80; Harm., Lich. de France, Fasc. IV ([1909] 1910), p. 677, Tab. XV, Fig. 9. Opisteria resupinata Wainio in Arkiv för Botan., vol. VIII, nr. 4 (1909), p. 93. -Peltigera tomentosa Hoffm., Deutschl. Flora (1796), p. 108. — Nephroma tomentosum Fw. in Jahresber. schlesisch. Gesellsch. f. Naturk., vol. II (1850), p. 122; Körb., Syst. Lich. Germ. (1855), p. 56 et Parerga Lich. (1859), p. 23; Nyl. in Actes Soc. Linn. Bordeaux, vol. XXI (1856), p. 295; Rabh., Flecht. Europ., Fasc. 3 (1856), nr. 69 et Kryptog.-Flora v. Sachsen, 2. Abt. (1870), p. 312; Th. Fr. in Nova Acta Reg. Soc. Scient. Upsal., ser. 3^a, vol. III (1861), p. 141; Schwenden. in Nägeli, Beitr. zur wiss. Botan., 3. Heft (1863), p. 173, Tab. IX, Fig. 8; Br. et Rostr. in Botan. Tidsskrift, vol. III (1869), p. 178; Leight. in Annal. and Magaz. Nat. Hist., ser. 4a, vol. V (1870), p. 4o; Tuckm., Synops. North Americ. Lich., vol. I (1882), p. 103; Hazsl., Magy. Birod. Zuzmó-Flor. (1884), p. 54; Jatta, Monogr. Lich. Italiae Merid. (1889), p. 98, Tab. II, Fig. 24-25; Harris in Bryologist, vol. VI (1903), p. 77, Fig. 1; Fink in Contrib. U. S. Nation. Museum, vol. XIV (1910), p. 165. - Nephromium tomentosum Nyl. in Mémoir. Soc. Sc. Nat. Cherbourg, vol. V (1857), p. 101, Synops. Lich., vol. I (1860), p. 319 et Lich. Scandin. (1861), p. 86; Malbr. in Bull. Soc. Ann. Sc. Natur. Rouen, vol. III (1867), p. 453; Linds. in Trans. Roy. Soc. Edinb., vol. XXII (1859), p. 172, Tab. IX, Fig. 28-34; Leight., Lich.-Flora Great Brit. (1871), p. 105 et edit. 3a (1879), p. 99; Stein apud Cohn, Kryptg.-Flora v. Schlesien, Bd. II, 2. Heft (1879), p. 86; Flagey in Mémoir. Soc. d'Émul. Doubs (1882), p. 416; Sydow, Flecht. Deutschl. (1887), p. 60; Hue in Nouv. Arch. du Muséum, sér. 3ª, vol. II (1890), p. 310; Crb., Mongr. Lich. Brit., vol. I (1894), p. 283; Harm. in Bull. Soc. Sc. Nancy, sér. 2ª, vol. XXXI ([1896] 1897), p. 242, Tab. XI, Fig. 34 et Tab. XIV, Fig. 2; Schneider, Guide Study Lich. (1898), p. 196; Jatta, Sylloge Lich. Italic. (1900), p. 113 et in Flora Italic. Cryptog. (1909), p. 183; Boist., Nouv. Flore Lich., 2. partie (1903); p. 83; Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 213.

Tirolia: ad corticem truncorum Acerum prope Hochfilzen, ca. 1000 m s. m.

leg. A. Zahlbruckner.

1968. Lecanora boligera.

Hedl. in Bihang till K. Svensk. Vet.-Akad. Handl., vol. XVIII, afd. III, nr. 3 (1892), p. 42. — Lecidea fuscescens f. boligera Norm. apud Th. Fries, Lichgr. Scand., vol. I (1871), p. 461; Wainio in Meddel. Soc. Fauna et Flora Fennic., vol. X (1883), p. 44. Suecia: Lapponia torneensis, paroch. Jukkasjärvi, in turfosis prope pagum Merasjärvi, ad ramulos Betularum.

1969. Lecanora coerulea.

Nyl. apud Stzbgr. in Jahresber. St.-Gallisch. naturw. Gesellsch., 1880—1881 (1882), p. 384; Schuler, Flechtfl. v. Fiume (1902), p. 55; Jatta in Flora Italic. Cryptog., Fasc. III (1910), p. 133. — Verrucaria coerulea DC., Flore Françi, vol. II (1805), p. 318. — Biatora coerulea Flagey, Lich. Franche-Comt., vol. II (1894), p. 438. — Hymenelia

Prevostii γ. coerulescens Krph. in Flora, vol. XXXV (1852), p. 25. — Manzonia Cantiana Garov. in Memor. Soc. Italian. Sc. Natur., vol. II, nr. 8 (1866), p. 4, Tab. I, Fig. 1. — Lecanora coerulea f. Cantiana Nyl. apud Stzbgr., l. s. c. — Lecanora Cantiana A. Zahlbr. in Wissensch. Mitteil. aus Bosn. u. d. Hercegov., vol. III (1895), p. 604.

Wie schon Arnold gezeigt hat (Flora, vol. Lll, 1869, p. 257), herrscht bezüglich der Nomenklatur der vorliegenden Flechte die größte Verwirrung, die sich aber leicht beheben läßt, wenn man auf De Candolles Beschreibung seiner Verrucaria coerulea zurückgeht. Verrucaria coerulea DC, ist identisch mit Garovaglios Manzonia Cantiana, der De Candolle nicht zitiert und sich daher für berechtigt hielt, einen neuen Speziesnamen zu schaffen. Verschieden von unserer Flechte ist die «Hymenelia coerulea» Massalongos, Körbers und Arnolds, ihr fehlt das weiße, mehr weniger strahlende Vorlager, die Apothezien sind in das Substrat versenkt, die Scheibe liegt in der Höhe der Lagerobertläche und wird zu keinem wulstigen Rand, welchen De Candolle für seine Art beschreibt und ihn veranlaßte, sie bei der Gattung Verrucaria unterzubringen. Die Flechte Körbers und Arnolds, welche sich durch die angeführten Merkmale von Lecanora coerulea (DC.) Nyl. unterscheidet, braucht unbedingt einen Namen als eigene Art; ich schlage vor, sie Lecanora pseudocoerulea zu nennen. Zu diesen wären als Svononym zu zitieren: Hymenelia coerulea Mass., Geneal. Lichen. (1854), p. 12 et Symmict. Lichen. (1855), p. 25; Beltr., Lichen. Bassan. 1858), p. 153; Körb., Parerg. Lich. (1860), p. 115; Arn. in Flora, vol. LII (1869), p. 257 et in Verhandl. zool.-bot. Gesellsch., vol. XX (1870), p. 537, vol. XLVII (1897), p. 223; Hazsl., Magy. Birod. Zuzmottor. (1884), p. 141; Jatta, Monogr. Lich. Ital. Merid. (1889), Zahlbruckner. p. 149.

Croatia: ad saxa calcarea in monte Fratar, ca. 1200 m s. m. leg. J. Schuler.

1970. Parmelia fraudans.

Nyl., Lich. Scand. (1861), p. 100 et in Flora, vol. LII (1869), p. 292; Th. Fries, Lichgr. Scand., vol. I (1871), p. 115; Hue in Revue de Botan., vol. IV (1885—1886), p. 379 et in Bull. Soc. France, vol. XXXV (1885), p. 44 et in Nouv. Archiv. du Muséum, sér. 3°, vol. II (1890), p. 288; Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 192.

Fennia: Tavastia australis, Evo, supra saxa erratica loco aprico prope pagum leg. G. Lång.

1971. Parmelia minuscula.

Nyl. in Bull. Soc. Linn. Normandie, ser. 4°, vol. I (1887), p. 205; Hue in Nouv. Archiv. du Muséum, sér. 3°, vol. II (1890), p. 291; Wainio in Arkiv för Botan., vol. VIII, nr. 4 (1909). p. 29. — Alectoria minuscula Nyl. in Flora, vol. LII (1871), p. 299. — Parmelia lanata + minuscula Nyl. in Notis. ur Sällsk. pro Fauna et Flora Fennic. Förh., Ny Serie, vol. V (1866), p. 121 et in Flora, vol. LXII (1879), p. 354; Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 201. — Alectoria lanata f. minuscula Leight., Lich. Flora Great Brit., ed. 3° (1879), p. 81. — Alectoria lanata + A. minuscula Nyl. apud Nortl. in Notis. ur Sällsk. pro Fauna et Flora Fennica lanata + A. minuscula Nyl. apud Nortl. in Notis. ur Sällsk. pro Fauna et Flora Fennica lanata + A. minuscula Nyl. apud Nortl. in Notis. ur Sällsk. pro Fauna et Flora Fennica lanata + A. minuscula Nyl. apud Nortl. in Notis. ur Sällsk. pro Fauna et Flora Fennica lanata (1878), p. 322. — Imbricaria lanata f. minuscula Arn. in Verhandl. zool.-bot. Gesellsch. Wien, vol. XXVI (1876), p. 361 et vol. XXVIII (1878), p. 293.

Fennia: Lapponia enontekiensis, in monte Jorpavaara prope Naimakka, ca. 450 m leg. G. Lång. s. m., saxicola.

1972. Ramalina homalea.

Ach., Lichgr. Univ. (1810), p. 598, Tab. XIII, Fig. 5 et Synops. Lich. (1814), p. 294; Eaton, Manual of Bot., ed. 7^a (1836), p. 646; Linds. in Transact. Roy. Soc. Edinb., vol. XXII (1859), p. 131; Nyl., Synops. Lich., vol. I (1860), p. 289 et in Bullet. Soc. Linn. Normandie, ser. 4^a, vol. IV (1870), p. 107; Tuckm., Synops. North Americ. Lich., vol. I (1882), p. 21; Hue in Nouv. Archiv. du Muséum, sér. 3^a, vol. II (1890), p. 260; Herre in Proceed. Washingt. Acad. Sc., vol. VII (1906), p. 332 et vol. XII (1910), p. 217.

— Desmaziera homalea Mont. in Annal. Scienc. Nat., Bot., ser. 3^a, vol. XVIII (1852), p. 304, apud Gay, Histor. Fisíc. y polit. Chile, Botan., vol. VIII (1852), p. 70 et Sylloge Gener. et Spec. Cryptog. (1856), p. 318; Trevis. in Flora, vol. XLIV (1861), p. 51.

America borealis (California): Catalina, Island. ad saxa. leg. A. C. Herre.

1973. Cetraria nigricans.

Nyl., Herbar. Mus. Fennic. (1859), p. 109, Synops. Lich., vol. I (1860), p. 299, Lich. Scandin. (1861), p. 79 et in Flora, vol. LII (1869), p. 443; Th. Fries in Nova Act. Reg. Soc. Scient. Upsal., ser. 3a, vol. III (1861), p. 136 not. et Lichgr. Scandin., vol. I (1871), p. 100; Hue in Revue de Botan., vol. IV (1885—1886), p. 372 et in Nouv. Archiv. du Muséum, sér. 3a, vol. II (1890), p. 273; Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 168. — Cetraria odontella var. nigricans Lynge in Bergens Mus. Aarbog (1910), nr. 9, p. 79.

Suecia: Lapponia torneensis, paroch. Jukkasjärvi, in monte Auroktjäkko, inter saxa minora et lapides supra muscos ad terram, ca. 1100 m s. m. leg. G. Lång.

1974. Cetraria odontella.

Ach., Synops. Lich. (1814), p. 230; Schaer., Enumer. Critic. Lich. Europ. (1850), p. 15; Körb., Syst. Lich. Germ. (1855), p. 48; Schwend. in Nägeli, Beitr. zur wissensch. Botan., 2. Heft (1860), p. 153; Nyl., Synops. Lich., vol. I (1860), p. 301 et Lich. Scandin. (1861), p. 136; Th. Fries in Nova Acta Reg. Soc. Scient. Upsal., ser. 3², vol. III (1861), p. 136 et Lichgr. Scandin., vol. I (1871), p. 99; Hepp, Flecht. Europ., nr. 487 (1867); Tuckm., Synops. North Americ. Lich., vol. I (1882), p. 29; Hue in Revue de Bot., vol. IV (1885—1886), p. 372; Wainio in Meddel. Soc. pro Fauna et Flora Fennic., vol. XIII (1886), p. 255; Sydow, Flecht. Deutschl. (1887), p. 35; Cromb., Monogr. Lich. Brit., vol. I (1894), p. 219; Jatta, Sylloge Lich. Italic. (1900), p. 107 et in Flora Italic. Cryptog., Pars III (1909), p. 174; Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathem. Cherbourg. vol. XXXVI (1907), p. 167; Lynge in Bergens Mus. Aarbog (1910), nr. 9, p. 79. — Lichen odontellus Ach., Lichgr. Suec. Prodr. (1798), p. 213. — Cornicularia spadicea β. C. odontella Ach., Method. Lich. (1803), p. 301 et Lichgr. Univ. (1810), p. 611.

Suecia: Lapponia torneensis, paroch. Karesuando, in ripa lacus Rostojaure, supra saxa in regione alpina, ca. 635 m s. m. leg. G. Lång.

1975. Cetraria tenuissima var. muricata.

Dalla Torre et Sarnth., Flecht. von Tirol (1902), p. 104; Navás, Liquen. de Aragón (1908), p. 27. — Lichen muricatus Ach., Lichgr. Suec. Prodr. (1798), p. 214. — Cornicularia muricata Ach., Method. Lich. (1803), p. 303, Tab. VI, Fig. 2. — Cetraria aculeata var. C. muricata Ach., Lichgr. Univ. (1810), p. 612; Hepp, Flecht. Europ., nr. 359 (1857); Nyl., Synops. Lich., vol. I (1860), p. 300 et Lich. Scand. (1861), p. 80; Leight., Lich.-Flora Great Brit. (1871), p. 98 et edit. 3a (1879), p. 93; Th. Fries, Lichgr. Scand.

vol. I (1871), p. 101; Arn. in Flora, vol. LXIX (1881), p. 200; Oliv., Flore Lich. de l'Orne, vol. I (1882), p. 66 et in Mémoir. Soc. Nation. Sc. Nat. et Mathém. Cherbourg, vol. XXXVI (1907), p. 169; Harm. in Bull. Soc. Sc. Nancy, sér. 2ª, vol. XXXI (1896), p. 200 et Lich. de France, pars III (1907), p. 423. — Cornicularia aculeata \(\beta \). stuppea Fw. in 47. Jahresber. schles. Gesellsch. für Kultur (1849), p. 101; Körb., Syst. Lich. Germ. (1855), p. 8.

Germania (Oldenburg): in turfosis dictis «Ostermoor» prope Zwischenahn.

leg. H. Sandstede.

leg. J. Steiner.

1976. Alectoria nidulifera.

Nyl. in Flora, vol. LVIII (1875), p. 8; Stzbgr. in Annal. naturh. Hofm. Wien, vol. VII (1892), p. 127; Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathém Cherbourg, vol. XXXVI (1907), p. 91; Lynge in Bergens Mus. Aarbog (1910), nr. 9, p. 63.

Diese Art ist zirkumpolar, aber, wie es scheint, wenig bekannt. Außer Norrlin, nr. 15, ist sie auch noch in einigen anderen Exsikkaten verteilt; so ist mein Exemplar von Elenkins, Lich. Flor. Rossiae, nr. 14 Alectoria nidulifera, desgleichen Cummings, Williams and Seymour, Lich. Americ., nr. 16, allerdings nur pro parte, pro alia parte A. chalybeiformis (L.), aber nicht A. proliva Ach. Wahrscheinlich liegt die Flechte unter dem Namen «Alectoria chalybeiformis» in vielen Herbarien. Sie ist ohne Zweifel eine gute Art.

G. Lång.

Fennia: Tavastia australis, ad Evo, ad truncos et ramos *Pinorum* in pineto arenoso siccoque. leg. G. Lång.

1977. Alectoria nidulifera var. simplicior.

Wainio in Meddel. Soc. Fauna et Flora Fennic., vol. VI (1881), p. 115; Stzbgr. in Annal. naturhist. Hofmus. Wien, vol. VII (1892), p. 127; Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 91.

Suecia: Lapponia torneensis, paroch. Jukkasjärvi, prope lacum Aptasjärvi, ad leg. G. Lång.

1978. Caloplaca (sect. Fulgensia) fulgida.

A. Zahlbr. in Österr. Botan. Zeitschr., vol. I.VII (1907), p. 72. — Placodium fulgidum Nyl. in Flora, vol. XLVIII (1865), p. 212; Arn. in Flora, vol. LIII (1870), p. 468. — I ecanora fulgida Hue in Revue de Botan., vol. V (1886—1887), p. 21; Nyl., Lich. Pyren. Orient. (1891), p. 15. — Squamaria fulgida Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVII (1909), p. 43.

Istria: prope Drenova versus Klana, ca. 300 -500 m s. m., in fissuris rupium calcariorum, supra muscos et ad terram. leg. F. Blechschmidt et J. Schuler.

1979. Xanthoria parietina var. imbricata.

Beltr., Lich. Bassan. (1858), p. 102; Müll. Arg. in Bullet. Soc. Natur. Moscou, vol. LIII (1878), p. 103; Arn. in Flora, vol. LXVII (1884), p. 243 (pro f.); Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 228; Jatta in Flora Italic. Cryptog., pars III (1909), p. 226. Physicia parietina f. imbricata Mass., Schedul. Critic., Fasc. II (1855), p. 41; Jatta, Sylloge Lich. Italic. (1900), p. 148; Harm., Lich. de France, pars IV ([1909] 1910), p. 607 (pro var.).

Carniolia: in colle »Straža» prope Veldes, ad ramos Laricum.

1980. Physcia grisea.

A. Zahlbr. – Lichen griseus Lam., Encycl. Méthod., Botan., vol. III (1789), p. 480. – Imbricaria grisea DC., Flor. Franç., vol. II (1805), p. 387 et Synops. Plant. (1806), Annalen des k. k. naturhistorischen Hofmuseums, Bd. XXVI, Heft 1 u. 2, 1912.

p. 83; Mérat, Nouv. Flor. Envir. Paris, éd. 2ª, vol. I (1821), p. 191. — Parmelia pulverulenta var. grisea Schaer., Enumer. Critic. Lichen. Europ. (1850), p. 38. - Physcia pulverulenta var. grisea Rabh., Kryptog.-Flora v. Sachsen, 2. Abt. (1870), p. 285; Berdau, Lischain. isled varschavskag. utsch. (1876), p. 84; Flagey in Mém. Soc. d'Émul. Doubs (1882), p. 462. — Lichen pityreus Ach., Lichgr. Suec. Prodr. (1798), p. 124. — Parmelia pityrea Ach., Lichgr. Univ. (1810), p. 483. — Physcia pulverulenta var. pityrea Nyl. in Actes Soc. Linn. Bordeaux, vol. XXI (1856), p. 308; Synops. Lich., vol. I (1860), p. 420 et Lich. Scandin. (1861), p. 110; Malbr. in Bull. Soc. Amis Sc. Nat. Rouen, vol. III (1867), p. 480; Th. Fries, Lichgr. Scand., vol. I (1871), p. 136; Leight., Lich.-Flora Great Brit. (1871), p. 146 et ed. 3ª (1879), p. 135; Oliv., Flore Lich. de l'Orne, vol. I (1882), p. 78; Stein apud Cohn, Kryptg.-Flora v. Schlesien, vol. II, 2. Heft (1879), p. 81; Sydow, Flecht. Deutschl. (1887), p. 48; Hue in Nouv. Archiv. du Muséum, sér. 32, vol. II (1890), p. 240; Jatta in Flora Italic. Cryptog., pars III (1909), p. 240; Lynge in Bergens Mus. Aarbog (1910), nr. 9, p. 104. — Physeia pityrea Lamy in Bull. Soc. Botan. France, vol. XXV (1878), p. 383; Cromb., Monogr. Lich. Brit., vol. I (1894), p. 308; Harm. in Bull. Soc. Sc. Nancy, sér. 2a, vol. XXXI ([1896] 1897), p. 258; Mong. in Bullet. Acad. Intern. Géogr. Botan., vol. VIII (1899), p. 254; Oliv. in Mémoir. Soc. Nation. Sc. Natur. et Mathém. Cherbourg, vol. XXXVI (1907), p. 237. — Physcia pulverulenta subspec. pityrea Boist., Nouv. Flore Lich., 2. part. (1903), p. 73. — Lobaria pulveracea Hoffm., Deutschl. Flora (1796), p. 153. — Physcia farrea f. pityrea Wain. in Meddel. Soc. Fauna et Flora Fennica, vol. VI (1881), p. 132; Harm., Lich. de France, pars IV ([1909] 1910), p. 640; B. de Lesd., Recherch. Lich. Dunkerque (1910), p. 105. - Physcia pulveracea Wainio in Act. Soc. Fauna et Flora Fennica, vol. XIII, nr. 6 (1896), p. 14.

Von mehreren Autoren (Harmand, Olivier u. a.) wird zu unserer Flechte als ältestes Synonym Lichen lanuginosus Hoffm., Enum. Lich. (1784), p. 82, Tab. X. Fig. 4 zitiert. Würde Hoffmanns Pflanze tatsächlich mit Physcia grisea zusammenfallen, so müßte man daraus auch in nomenklatorischer Beziehung die Konsequenzen ziehen. Es unterliegt aber keinem Zweifel, daß Hoffmanns Lichen lanuginosus nicht zu Physcia grisea gehört; der Passus in Hoffmanns Beschreibung: «foliola subtus dense lanugineo atra obducta» steht in direktem Gegensatze zu den Verhältnissen bei Physcia grisea; ferner passen auch die Ausdrücke «foliola cervina» und «scutellae disco rufescente» nicht. Arnold wird die Hoffmannsche Pflanze richtig gedeutet haben, indem er sie in seinem Handexemplare der «Enumeratio» als Pannaria conoplea bezeichnet.

Nachdem Ehrharts «Plantae Cryptog.» nach den Wiener Nomenklaturregeln nicht zu jenen Exsikkatenwerken gehören, welche für die Feststellung des ältesten Namens herangezogen werden können, muß der Speziesnamen Lamarcks zur Benennung der vorliegenden Flechte herangezogen werden.

Zahlbruckner.

Austria inferior: ad truncos Laricum prope Neuhaus ad Weißenbach a. d. Triesting, ca. 450 m s. m. leg. L. et C. Rechinger.

Addenda:

1051 b. Usnea florida.

Hoffm.

Litorale austriacum: in sylva dicta «Trnovaner Wald» supra Görz, ca. 1000 m s. m., ad ramos arborum. leg. C. Loitlesberger.

1528 b. Platygrapha hypothallina.

A. Zahlbruckner.

America borealis (California): ad saxa granitica maritima prope Monterev, ca. leg. A. C. Herre. 50 m s. m.

Thallus hypothallo mox evanescente demum crassiusculus, usque 2.4 mm altus, tartareus, verrucoso-plicatus vel subcerebrinus, superne albo-suffusus, pulverulentus, sorediis et isidiis destitutus. Apothecia adpresso-sessilia vel subimmersa. Epithecium crassiusculum, pulverulentum, sordidum; paraphyses ad 1.8 μ crassae, eseptatae, in parte superiore utplurimum breviter ramosae; asci 8 spori; sporae in ascis ± biseriales, verticales, bacillari-digitiformes, utrinque subrotundatae, subrectae, 8 loculares, loculis cylindricis, 26-30 u longae et 3-5 u latae. Conceptacula pycnoconidiorum immersa, globosa, vertice punctiformi nigro vix emergentia, perifulcrio decolore, fulcris exobasidialibus, pvenoconidiis bacillaribus, rectis, utrinque rotundatis, 5-8 μ longis.

Die Beschreibung, insbesondere diejenige des Lagers mußte erweitert werden, da mir ursprünglich mehr jugendliche Stücke vorlagen. A. C. Herre macht in den Schedae die Bemerkung, dass die Flechte identisch ist mit Platygrapha pinguis Tuckm. in Herb. Eine nomenklatorische Umänderung kann auf Grund dieser Konstatierung nicht erfolgen.

Zahlbruckner.

Musci (Decades 44-45).

1981. Lophozia Wenzeli.

Steph., Spec. Hep., vol. II (1902), p. 135; K. Müll. apud Rabenh., Kryptfl. v. Deutschl., ed. 2, vol. VI (1910), p. 675. — Jungermannia Wenzeli N. ab Esenb., Naturg. d. eur. Leberm. (1836), vol. II, p. 58.

Austria superior: in turfosis retro lacum «Laudachsee» prope Gmunden, sociis Lophozia ventricosa var. uliginosa et Kantia Trichomanis, m. Aug.

leg. C. Loitlesberger.

1982. Anthelia julacea.

Dum., Rec. d'obs. (1835), p. 18. — Jungermannia julacea Linn., Spec. pl., ed. 1 (1753), p. 1135; N. ab Esenb., Naturg. d. eur. Leberm. (1836), vol. II, p. 306.

Bohemia septentrionalis: loco «Wörlichgraben» montium «Riesengebirge», ad leg. V. Schiffner et E. Bauer. rupes madidas, m. Sept.

1983. Radula pallens.

Dum., Rec. d'obs. (1835), p. 14; Synop. Hepat. (1845), p. 256. — Jungermannia vallens Swartz, Prodr. Fl. Ind. occ. (1788), p. 143.

Insula Cuba: Farallones ad La Perla, Gaguey ad septentrionem, provincia orienleg. W. M. Maxon. talis, ad truncos in fauce silvatica, 585 m s. m., m. Majo.

1984. Dicranum Bergeri.

Blandow, Musc. frond. exs. III, nr. 114 (1804); Limpr. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Bd. IV, Abt. 1, p. 345 (1886); Paris, Ind. bryol., ed. 2, vol. II (1904), p. 36.

Hungaria septentrionalis: ad pedem montium «Tátra Magna», loco turfoso dicto leg. E. Gvörffv. «Rohrwiesen» ad urbem Szepesbéla, ca. 690 m s. m., m. Jul.

1985. Dicranum congestum.

Brid., Spec. musc. I (1806), p. 176; Limpr. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Bd. IV, Abt. 1, p. 357 (1886); Paris, Ind. bryol., ed. 2, vol. II (1904), p. 40.

Hungaria septentrionalis: montes «Tátra Magna», ad saxa calcarea humosa montis «Stierberg», ca. 1700 m s. m., m. Aug. leg. E. Györffy.

1986. Dicranum fulvum.

Hook., Musc. exot., Tab. 149 (1820); Jur., Laubmfl. v. Öst.-Ung. (1882), p. 42; Limpr. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Bd. IV, Abt. 1 (1886), p. 370; Paris, Ind. bryol., ed. 2, vol. II (1904), p. 45.

Austria superior: Pechgrabental prope Groß-Raming, fruct.

leg. † F. Schiedermayr, com. A. de Degen.

1987. Trematodon ambiguus.

Hornsch. in Flora (1819), I, p. 88; Jur., Laubmfl. v. Öst.-Ung. (1882), p. 29; Limpr. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Bd. IV, Abt. 1 (1887), p. 415; Paris, Ind. bryol., ed. 2, vol. V (1906), p. 65. — Dicranum ambiguum Hedw., Descr. musc. III, p. 87, Tab. 36 (1792).

Galicia occidentalis: in pratis turfosis pr. Cieszkowicze, m. Jun., fruct.

leg. C. Schliephacke, com. A. de Degen.

1988. Pottia lanceolata.

C. Müll., Synops. I (1849), p. 548; Limpr. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Bd. IV, Abt. I (1888), p. 533; Paris, Ind. bryol., ed. 2, vol. IV (1905), p. 92. — Leersia lanceolata Hedw., Descr. musc. II, p. 66, Tab. 23 (1789).

Germania (Ducatus Badensis): pr. Salem, m. Mart. et Apr., fruct.

leg. † J. Jack, com. A. de Degen.

1989. Heterocladium squarrosulum.

Lindb, Musci scand. (1879), p. 37; Limpr. apud Rabenh., Kryptfl. v. Deutschl., 2. Aufl., Bd. IV, Abt. 2, p. 817 (1895); Paris, Ind. bryol., ed. 2, vol. II (1904), p. 311. — Hypnum squarrosulum Voit in Sturm, D. Fl., II. Abt., 3. Bändchen, Fasc. 11 (1810), Tab. XXIV, 5.

Istria: Monte Maggiore, ad terram in fagetis, ca. 1200 m s. m., m. Apr., fruct. leg. C. Loitlesberger.

1990. Wilsoniella Jardini.

Besch., Fl. bryol. Taiti (1894), p. 54; Paris, Ind. bryol., ed. 2, vol. (1906), p. 134.

— Trematodon Jardini Schpr. in Jardin, Enum., p. 20.

Samoa (insula Upolu): in silvaticis prope Vailima, ad viarum declivitates, m. Jul., fruct. leg. K. et L. Rechinger, det. F. Brotherus.

1991. Trachyloma indicum.

Mitt., Musc. Ind. or. (1859), p. 91; Bryol. Jav. II, p. 82, Tab. 197 (1863); Fleisch., Musc. d. Fl. v. Buitenz. III, p. 716 (1906); Paris, Ind. bryol., ed. 2, vol. V (1906), p. 62. Java occidentalis: in montibus Gedeh prope Kandang-Badak, ad arbores, ca.

2500 m s. m., m. Mart. leg. M. Fleischer.

1992. Trachypus bicolor.

Rw. et Hornsch, in Nov. Act. Acad. Caes. Leop. Carol. XIV, II. Suppl., p. 708, Tab. 39 (1829); Brvol. Jav. II, p. 98, Tab. 241 (1865); Fleisch., Musc. d. Fl. v. Buitenz. III, p. 738 (1906); Paris, Ind. bryol., ed. 2, vol. V (1906), p. 63.

Java occidentalis: in montibus Gedeh prope Kandang-Badak, ad arbores, ca. leg. M. Fleischer.

2500 m s. m., m. Mart. part. fruct.

Trachypus bicolor. 1993.

Rw. et Hornsch. in Nov. Act. Acad. Caes. Leop. Carol. XIV, II. Suppl., p. 708, Tab. 39 (1829).

Var. hispidus.

Card., Mouss. d. Formose in Beiheft v. Bot. Zentralbl., Bd. XIX (1905), p. 116; Fleisch., Musc. d. Fl. v. Buitenz. III, p. 740 (1906). - Neckera hispida C. Müll. in Bot. Zeitg. (1854), p. 579. - Trachypus hispidus Paris, Ind. brvol., ed. 1, p. 1303 (1897) und ed. 2, vol. V (1906), p. 63.

Insula Ceylon: Wattacalla prope Kandy, ad arbores, ca. 1300 m s. m., m. Febr.

leg. M. Fleischer.

1994. Thuidium tamariscellum.

v. d. B. et Lac. in Bryol. Jav. II, p. 20 (1865); Paris, Ind. bryol., ed. 2, vol. V (1906), p. 22. — Hypnum tamariscellum C. Müll. in Bot. Zeit., XII (1854), p. 573.

Java occidentalis: Gegerbintang in montibus Gedeh, ad arborum truncos, ca. leg. M. Fleischer.

1300 m s. m., m. Dec. fruct.

Sematophyllum secundum.

Fleisch. in Muse. Archip. Ind. exsicc., nr. 322 et 323; Paris, Ind. bryol., ed. 2, vol. IV (1905), p. 253. — Leskea ? secunda Reinw. et Hornsch. in Nov. Act. Caes. Leop. Acad. XIV, Suppl., p. 717 (1828).

Java occidentalis: montes Gedeh prope Tjibodas, ad arbores in silva primigenia, leg. M. Fleischer.

ca. 1500 m s. m., m. Jun.

Taxithelium turgidellum.

Paris, Ind. bryol., ed. 2, vol. IV (1905), p. 358. — Hypnum turgidellum C. Müll. in Engl., Bot. Jahrb. (1883), p. 87.

Java: Buitenzorg, in viis horti botanici, ca. 280 m s. m., m. Apr. c. fr. vet.

leg. M. Fleischer.

1997. Isopterygium Teysmanni.

Jaeg., Adumbr. II (1875-1876), p. 499; Paris, Ind. bryol., ed. 2, vol. III (1905), p. 126. — Hypnum Teysmanni Bryol. jav. II, p. 192 (1861-1870).

Insula Ceylon: Peradeniya Garden, ad terram, ca. 800 m s. m., m. Febr.

leg. M. Fleischer.

1998. Ectropothecium Chamissonis.

Jaeg., Adumbr. II (1877-1878), p. 528; Paris, Ind. bryol., ed. 2, vol. II (1904), p. 105. - Hypnum Chamissonis Hornsch, in Hor. phys. Berol., p. 66, Tab. 13; Bryol. Jav. II, p. 198 (1868).

Var. tepidum.

Fleisch. in Musc. Archip. Ind. exsicc., nr. 341.

Java occidentalis: montes Gedeh, in saxis andesiticis ad thermas, ca. 2000 m s. m., m. Jul. leg. M. Fleischer.

1999. Hyocomium polychaetum.

Fleisch. in Musc. Archip. Ind. exsicc., nr. 346. — Hypnum polychaetum v. d. B. et Lac. in Bryol. Jav. II, p. 154 (1866).

Java occidentalis: in montibus Gedeh prope Tjiburrum, in silva primigenia, ad fruticum ramos et folia, ca. 1800 m s. m., m. Jul. leg. M. Fleischer.

2000. Hypnodendron Junghuhnii.

Lindb. in Öfv. af K. Vet. Akad. Förh. (1861), p. 374; Bryol. jav. II, p. 132, Tab. 231 (1861—1870); Paris in Ind. bryol., ed. 2, vol. II (1904), p. 373. — *Hypnum Junghuhnii* C. Müll., Syn. II (1851), p. 506.

Java occidentalis: in montibus Gedeh supra Tjiburrum, ad terram in silva primigenia, ca. 1800 m s. m., m. Jul. leg. M. Fleischer.

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Verfaßt von

Dr. F. Ostermeyer.

Die erste Zahl bezieht sich auf die Nummer, unter welcher die Art in den «Kryptogamae exsiccatae» zur Ausgabe gelangte; die zweite auf den Band, beziehungsweise die Seite der «Annalen des k. k. naturhistorischen Hofmuseums in Wien», wo die dazu gehörige Scheda publiziert wurde.

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